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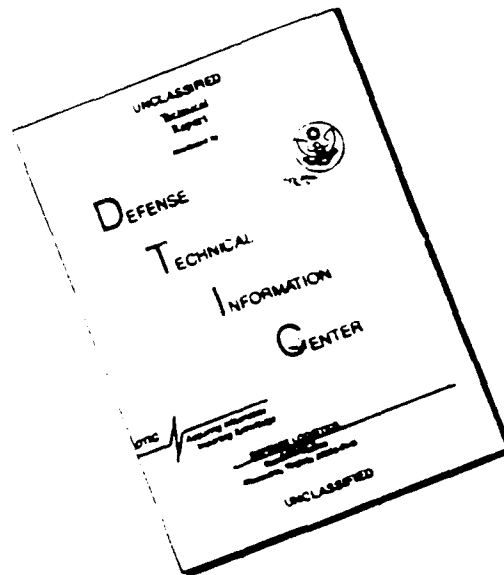
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Final Report

**The Standardized Precipitation Index and Its Use in the Western,  
Contiguous United States**

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## 1.0 INTRODUCTION

Droughts have been a concern to all sectors of the economy since the beginning of mankind. The importance of understanding, monitoring, and forecasting these dry events is of paramount concern to the world considering the population increases seen over the last few decades. There is a finite supply of water available to the world in relatively inexpensive forms needed for drinking and to support food productions.

In the mid 1960's, Palmer (1965) developed a drought index that has been the mainstay used in many studies of drought and used as a monitoring tool. While the Palmer Drought Index (PDI) is a very detailed drought tool, it is also inherently complicated and its use in the field can be rather difficult to perform. The PDI requires use of variables that can be difficult to obtain and also assumptions/generalizations that can introduce uncertainty into the results. Because of the PDI's complicated method, a desire by researchers and those concerned with drought to develop a simpler, easily administered drought monitoring technique has been undertaken in the last decade.

The new, developed index uses only one variable to determine and define droughts. The variable used is monthly precipitation. From this one variable, the Standardized Precipitation Index (SPI) is developed. While only recently developed, the SPI is currently being tested in Colorado as a real time monitoring tool. In order

to further illustrate the usefulness of the SPI, this paper uses the new SPI to aid in the study of drought/wet periods in the western contiguous United States for an 80 year period from 1910-1989 with primary emphasis on the area west of the Continental Divide.

## **2.0 DATA**

### **2.1. Data Location**

The data used in this study was obtained from the Global Historical Climatology Network (GHCN) (DOE 1992) which was developed for the expressed purpose of having a database containing long-term monthly temperature, precipitation, sea level pressure, and station pressure data. The precipitation portion of the network contains 7533 stations throughout the world. Each station is coded with a country code (three digits) and a seven digit station identification number with the first five being the stations's World Meteorological Organization (WMO) number. Included with this station coding in the station inventory files are:

- 1) Station Name
- 2) Latitude (negative values correspond to the Southern Hemisphere)
- 3) Longitude (negative values correspond to the Western Hemisphere)
- 4) Station Elevation
- 5) Record's Beginning Year
- 6) Record's Ending Year
- 7) Percent Missing Monthly Data in the Record
- 8) Time Series Discontinuity Code



## **2.2. Accessing Data**

The first screening process accessed the station inventory files actively searching for those stations that had longitudes between -100.0 and -125.0, had periods of records at least from 1910 through 1989, and had less than or equal to one percent of their monthly data missing over the entire record. After this initial screening, 218 stations remained from the original 7533 stations in the GHCN. These 218 stations would be the starting point for the study of the west.

Upon completion of the downloading of the appropriate files from the GHCN disk, an arbitrary decision to eliminate stations that had more than four missing data points was initiated. This further screening process left 199 stations in the study, some of which still contained missing data that required the estimation of missing values. Missing precipitation was replaced with the long-term average of the appropriate month. For example, if February 1943 was missing the value substituted into February 1943 would be the average of every valid February in the record.

Upon further review of the data that remained, it became obvious some of the stations still had bad or questionable data. Three stations were eliminated because they contained unrealistic precipitation amounts in various months. Also after reviewing output from the drought monitoring program, which returned statistical values concerning the total time in drought at various timescales, stations that had questionable statistical results were discounted. Another step was taken to maintain the highest quality stations. A breakdown by states was performed and where possible, the appropriate state climatologist was called for their opinion on the worthiness of the station's data. In the end, 152 stations remained. Four more from

Colorado were added and the study rounded out to 156 stations covering the western, contiguous states (see Appendix A).

### **3.0 DEVELOPMENT OF THE STANDARDIZED PRECIPITATION INDEX (SPI)**

In order to fully understand the push behind the development of the SPI, three items for consideration are presented. First, a detailed critique of the Palmer index is offered. Next, in order to further highlight the SPI's method, two other developed indices that use precipitation as the primary monitoring tool are discussed.

#### **3.1. Why Not Palmer**

As mentioned before, Palmer developed the Palmer Drought Index (PDI) also referred to the Palmer Drought Severity Index (PDSI) in the mid 1960's. Since its implementation as a drought monitoring tool, concerns have arisen about the effectiveness of using this complicated indexing scheme. Alley (1984) critiques the Palmer method and points out several areas of concern. Alley asserts that the PDSI's use of the water balance computational method as the backbone to the index is plagued with problems. He continues in the critique with the problems he foresees with the PDSI. A few of these problems are listed below:

- 1) Estimating Potential Evapotranspiration.
- 2) Assumes capacities of the two soil layers are independent of seasonal or annual changes in vegetation cover and root development.

- 3) Assumption that Evapotranspiration is equal to Potential Evapotranspiration.
- 4) Handling of Soil Moisture.
- 5) Available Surface Layer Water.
- 6) Estimating Runoff.
- 7) No Effects of Snowmelt or Frozen Ground taken into account.
- 8) Arbitrary Designation of Drought Severity.
- 9) Sensitivity of Individual PDSI values to the parameter  $K_j$ .
- 10) Handling of Monthly Fluctuations in the PDSI.
- 11) The Base Period Assigned as 1931-1960.

Alley goes into greater detail on the problems with the PDSI in the article. In the conclusion of the article, Alley stresses the need for further research into drought indices and at the same time warns of the difficulties involved in the development of new indices.

Alley's paper illustrates that uniform assumptions for an entire area is necessary with no adequate treatment of varying soil types, layer depths, vegetative conditions, water storage capabilities, etc. Variables become interdependent on other variables, enhancing the probability of introducing unrealistic or questionable results. A single variable index appears to be a viable solution to the problem of variable interdependency as well as eliminating assumptions that are required in indices like the PDI.

Since the development of the Palmer indexing technique, further research has been attempted to develop a simpler drought monitoring scheme. The computations

necessary in the PDSI are lengthy and intensive. The sheer number of equations and assumptions needed opens the door to error. Also, the complexity of the PDSI makes it user unfriendly and thus a difficult monitoring model.

### **3.2. Precipitation Anomaly Classification**

Driven by the need to develop a simpler drought monitoring tool, a few researchers have worked on unique schemes that eliminate the need for numerous assumptions and lengthy equations. A couple of them bear similarities to the Standardized Precipitation Index (SPI) developed at the Colorado Climate Center by McKee, Doesken, and Kleist.

Janowiak et al. (1986) describe a Precipitation Anomaly Classification (PAC) method used to define droughts which was developed in Australia. This method uses the monthly precipitation and defines a drought affected location as one in which precipitation for a period of 3 months or more falls within the lowest 10% of the historical distribution of precipitation observations for the same period of the year. The method further defines this deficiency as serious if the percentage falls within the 5% to 10% range and severe if the deficiency value is less or equal to 5%. A drought is ended when one of the two following criteria is met:

- 1) Precipitation for past month alone is sufficient to rank in the 30th percentile or greater of the historical record for the three month period starting with that month.

- 2) Precipitation for the past three months ranks in the 70th percentile or greater for the historical record of the corresponding three month period.

Testing of this method against the PDI and the Crop Moisture Index (CMI) occurred in 1983. The PAC reacted quicker to dry periods than the PDI but not as fast as the CMI. The testing showed the new PAC method did compare favorably with the indices and it is definitely a simpler approach. After the testing period, the researcher decided to make modifications to the method to allow application on a global basis.

Since data necessary to use the original PAC method needed to be long-term, the availability of this type of data global scale became a paramount concern. In order for the method to be applied at short-term sites, the idea of using the gamma distribution to describe the precipitation at these sites (after Ropelewski et al. 1985) was instituted. The use of the gamma distribution allows sites of varying precipitation records to be included in the PAC technique. Thus eliminating the need for long-term records that could offset the effectiveness of widescale use of this method if the requirement of a lengthy record remained.

The developers of the PAC method also went further to describe how missing data would be handled. The research led to the development of two techniques defined as the "pure" and "proxy" methods. The "pure" method substituted zero inches for the missing precipitation if the previous month was classified as normal and the 99th percentile, based on the gamma distribution for the missing precipitation, if the previous month was classified as drought affected. If the classification for the

location remained unchanged, then the previous classification stands. If the classification changes, then the area is not classified for the month and will not be able to be classified again until observations for three consecutive months are obtained. The "proxy" method substitutes the median precipitation amount for the missing data. This method can eliminate premature ending of dry events and loss of a station for three months from the survey. The developers warn of use of any one method and suggest using the "pure" method as quality control measure to ensure that the data substitution is not unreasonable.

Another modification dealt with by Janowiak et al. (1986) was the classification of deserts and semiarid regions since the three month precipitation method, as the basis for the index, created problems. A modification was developed to eliminate classifying areas that normally don't receive precipitation as drought affected. This was done by defining the lowest allowable percentile deficit based on the historical record. Janowiak et al. give an example of a location that has a 100 year record. If no precipitation occurred in 20 of the 100 years for the period being examined then the lowest allowable percentile would be 20% which does not meet the 10th percentile classification necessary for the area to be defined as drought affected.

On an aside, the researchers of the PAC method wanted to be able to assess episodic wet spells. They decided to look at a single month only, thus eliminating any memory of preexisting wet conditions. A wet spell is defined by the 90th percentile of the gamma distribution. If the month falls in this category then it is defined as a wet spell event.

Despite the modifications introduced to allow usage of the PAC method on a global basis, a major shortcoming was revealed. Janowiak et al. describe the problem of classifying areas that have highly seasonal rainfall, not unlike the western regions of the contiguous United States. The major problem being an extremely dry wet season which classifies an area as drought affected can be removed from this classification by a freak rain event in the dry season that ranks above the 30th percentile. Even though the area is still extremely dry the anomalous precipitation forces the area to be classified as drought ended. The authors of the article propose a solution of establishing a critical threshold to be exceeded before calling the area drought ended. However, they fear the solution to this problem could ruin the simplicity of the PAC which is the primary reason for its development in the first place.

### **3.3. Precipitation Drought**

Changnon (1987) published a paper on detecting droughts in Illinois, in this paper Changnon describes his classifications for detecting a precipitation drought. The precipitation drought classification defined in the report examines mean precipitation departure to determine "drought". It further classifies droughts on a timescale from three to sixty months, a concept very similar to what SPI uses. This drought assessment technique is used on a statewide scale. From a network of stations, a statewide average precipitation pattern for a given period is determined. The precipitation drought conditions are met if a certain threshold at certain timescales are met:



- 1) Three month precipitation drought if state average is less than or equal to 60% of the mean value.
- 2) Six month precipitation drought if state average is less than or equal to 70% of the mean value.
- 3) Twelve month precipitation drought if state average is less than or equal to 80% of the mean value.
- 4) Twenty-four month precipitation drought if state average is less than or equal to 90% of the mean value.
- 5) Thirty to sixty month precipitation drought if state average is less than or equal to 95% of the mean value.

If the threshold is met at a given timescale, then the second criteria, namely 40% or more of the total area of Illinois has met the departure criteria, must be checked to determine whether drought is to be classified as statewide.

In order to determine the damage of a drought, Changnon (1987) developed different judgement criteria depending on whether the concern was for statewide or for local sites. In the statewide situation two categories were developed for the 3, 6, 12, and 24 month durations based on the effects of past droughts. These categories are moderate and severe and are fully defined in Table 1. For the "individual" sites or locales, severity categories were developed for the 12, 18, 24, 30, 36, 42, 48, and 60 month durations using return intervals similar to return periods for floods. The individual site categories are defined as follows:

- 1) Mild Drought: Recurrence intervals of five years or less.

**Table 1. Severity of Precipitation Droughts**

Drought Duration	Moderate Drought <sup>1</sup>	Severe Drought <sup>2</sup>
3 months	45 to 60%	≤ 44% of mean
6 months	56 to 70%	≤ 55% of mean
12 months	70 to 80%	≤ 69% of mean
24 months	78 to 90%	≤ 77% of mean
<sup>1</sup> All percentages to mean values (from Changnon, 1987)		

- 2) Moderate Drought: Recurrence intervals greater than or equal to five years and are less than 20 years.
- 3) Severe Drought: Recurrence intervals greater than 20 years.

Unlike the PAC described in detail earlier, the technique for determining precipitation drought highlighted by Changnon is dealing with stations with records of 100 years. The gamma distribution method of the PAC could effectively eliminate the necessity of the long-term records used by Changnon. On the other hand, the use of varying durations/timescales that Changnon introduces in the development of his precipitation drought index would likely offset the problems Janowiak et al. (1984) have encountered with highly seasonal rainfall in the PAC.

The in-depth discussion of the PAC and the Changnon Precipitation Drought technique was offered to call attention to their best and possibly 'worst' features and also to set the tone for the detailed discussion of the SPI. The development of the SPI combines the best features of the PAC and Changnon methods into one index. In keeping with the desired elements in a drought monitoring scheme, the SPI offers a simple, easily implemented technique.

### 3.4. The Standardized Precipitation Index (SPI)

The SPI is based on only one meteorological parameter; precipitation. The reason for the use of precipitation is easily explained. First of all, precipitation, or the lack thereof, is an inherent link in the hydrological cycle. The consequences of its absence/presence has a profound affect on the quality of life. Precipitation is an important parameter when determining whether an area is in a drought and therefore, it was chosen to be the key parameter in the SPI.

The calculation of the SPI is rather straight forward. It requires a monthly precipitation data set prepared for a period of  $m$  months. A set of averaging periods of  $i$  months are selected and are referred to as timescales. In this form of the SPI the timescales 3, 6, 12, 24, and 48 months are used and while these timescale designations are arbitrary, they are intended to represent the timescales for precipitation deficits to affect the five types of usable water sources, namely snowpack, reservoir, streamflow, soil moisture, and ground water. The data set is moving in the sense that each month a new value is determined from the previous  $i$  months. Each of the data sets are fitted to a Gamma function to define the relationship of probability to precipitation. Once this relationship is established from historical records, the probability of any observed precipitation datum point is calculated and used along with an estimate of the inverse normal to calculate the precipitation deviation for a normally distributed probability density with a mean of zero and standard deviation of unity (McKee et al. 1993).

The benefits of the index are significant. Besides using the gamma distribution like the PAC and the timescales/duration techniques similar to Changnon, there are

several desirable traits of this index besides simplicity which make it more accommodating as a monitoring tool than previous indices. For instance McKee et al. (1993) point out six interesting features:

- 1) The SPI is uniquely related to probability.
- 2) The precipitation used in the SPI can be used to calculate the precipitation deficit for the current period.
- 3) The precipitation used in the SPI can be used to calculate the current percent of average precipitation for time period of  $i$  months.
- 4) The SPI is normally distributed so it can be used to monitor wet as well as dry periods.
- 5) SPI can be calculated for the other water variables of snowpack, reservoir, streamflow, soil moisture, and ground water.
- 6) The SPI is normalized so that wetter and drier climates will be represented in a similar way.

Also, thanks to feature number one, another interesting trait to the SPI arises. With the SPI, it is possible to forecast a percentage probability of getting out of drought in a particular month. This can be done for all timescales and corresponds to the simple statistical based definition of droughts.

The statistical characteristics of the SPI allow a simple, arbitrary definition of drought to be proposed. In order for a precipitation deficit to be categorized as a drought, the SPI value must be less than or equal to -1.0. Once the value of -1.0 is reached the drought is defined to have started the month the index first went below zero without the index going positive before reaching -1.0. The drought is defined

to have ended when the value goes above zero. Times when the SPI has not reach -1.0 but is below zero is defined as a dry period. SPI values in the range from -1.0 to -1.49 places the drought in the moderate category. Values in the range of -1.5 to -1.99 define a severe drought, while values less than or equal to -2.0 define an extreme drought.

The above paragraphs describe the SPI concisely. This quick and easy method which combines the gamma distribution and the different timescales into one simple drought monitoring tool that is the basis for the study performed in this research paper. The SPI's versatility has led the development time series plots as well as a mapping routine that will be expounded on in the following section. Despite using the SPI only to describe past wet and dry times, the potential for it to become a real time drought monitoring scheme on a continental or global basis is a logical next progression for this index.

## **4.0 USE OF THE SPI IN THE WESTERN CONTIGUOUS UNITED STATES**

### **4.1. Gridding**

In order to determine drought periods, the initial step was to produce time series plots of the final screened station's SPI values. After a cursory review of these time series plots of the SPI (see figure 1 for an example), any definitive answer about drought periods and frequencies became difficult to ascertain directly from the graphs. However, the obvious seasonality of the west region combined with the rapid fluctuations of the three and six month timescales illustrated quite clearly that for an in-depth study of the west, the timescales of 12, 24, and 48 months were the ones that needed to be concentrated on for any fruitful discoveries about wet and dry periods over the 80 year period. Therefore, a change in strategy was introduced.

Up to this point, the data for the study has centered around the stations instead of around the area. In order to shift the emphasis from stations to area, a technique was devised in which the gridding capability of the Unidata Gempak System was utilized. The Gempak gridding routine uses every station's data and does a best fit objective analysis using the Barnes scheme. Koch et al. (1983) describe how the Barnes scheme is implemented into the Gempak system beginning on page 1491 of the above referenced article. The use of objective analysis to grid data was best summed up at a Gempak Users seminar in which the speaker said, "Objective

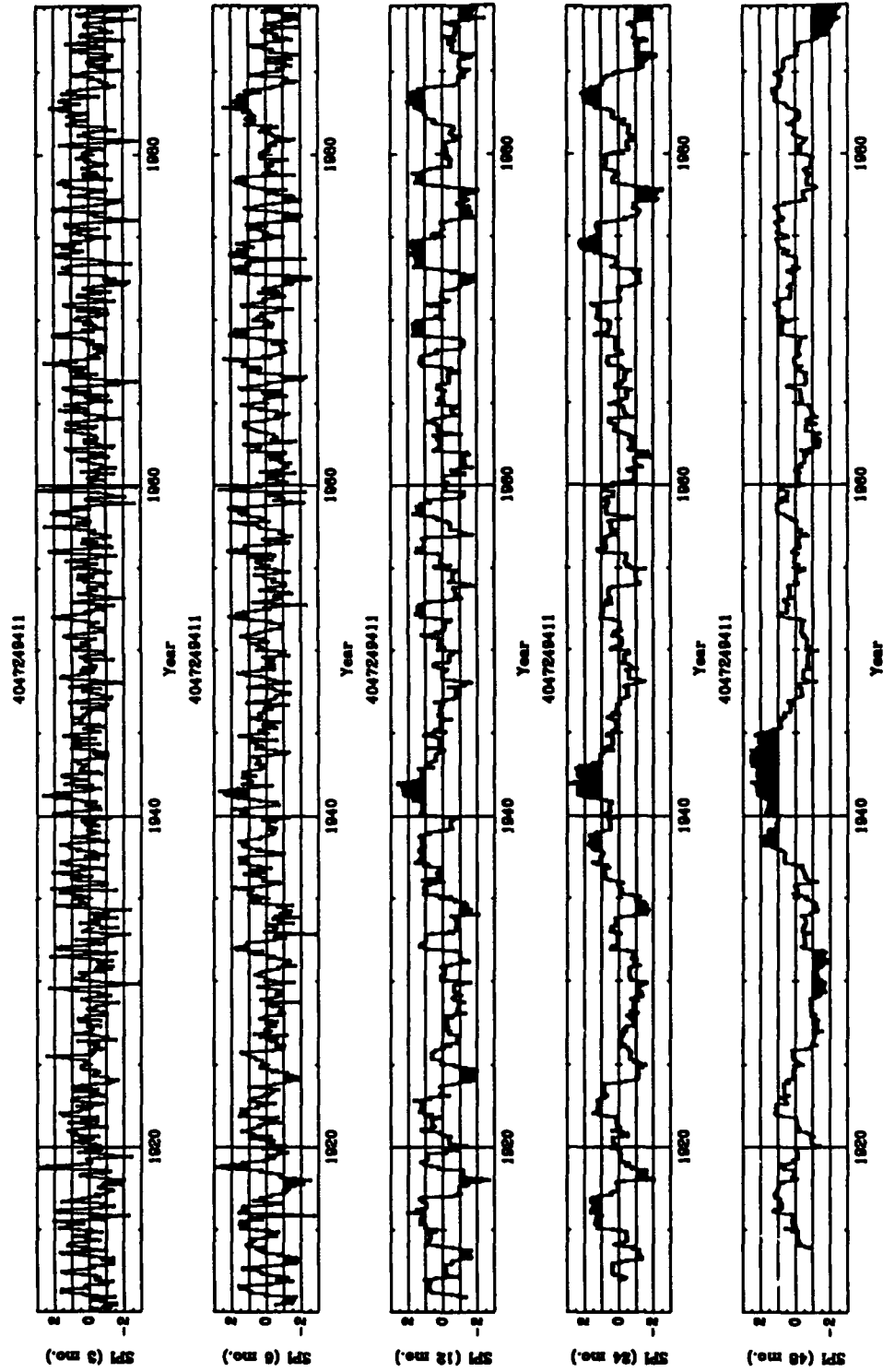


Figure 1. Example of SPI time series plot for the 3, 6, 12, 24 and 48 month timescales for Salinas, CA.

analysis is a mechanism for transforming the irregular pattern of observations onto a regular grid where the data are more suitable for diagnostic and prognostic analyses." The objective analysis scheme ties in perfectly with the irregular station pattern evident with this data.

Using the gridding capabilities on Gempak, a grid was established for every month from January 1914 through December 1989 for the three timescales of concern. Based on the routine that returns the SPI values, the first value returned is in the (i-1) month. Thus for the 48 month timescale, the first month with an SPI value is 47 months after the beginning of the record which in this case was December 1913. January 1914 was chosen as the starting point for simplicity in developing a time series plot scale as well as all three timescales will be established at least one month before the beginning of the study. *This decision is arbitrary but does serve a useful purpose in the presentation of SPI vs Time plots to be discussed in further detail in the following paragraphs.*

The full grid developed by the Barnes scheme had 49 columns and 35 rows is found in figure 2 and an example of the values the scheme generates for each point can be found in Table 2. Output similar to Table 2 was developed for each timescale for the entire 912 months of the record. After the generation of the full grids the study was narrowed down to the area west of the Continental Divide. The reason is twofold for considering the area west of the divide. The primary reason is the density of stations with suitable records was very definitely skewed to the west. Secondly, the precipitation pattern is very different east of the divide. The west coast is a winter oriented max while the east has generally a spring, early summer timeframe max.



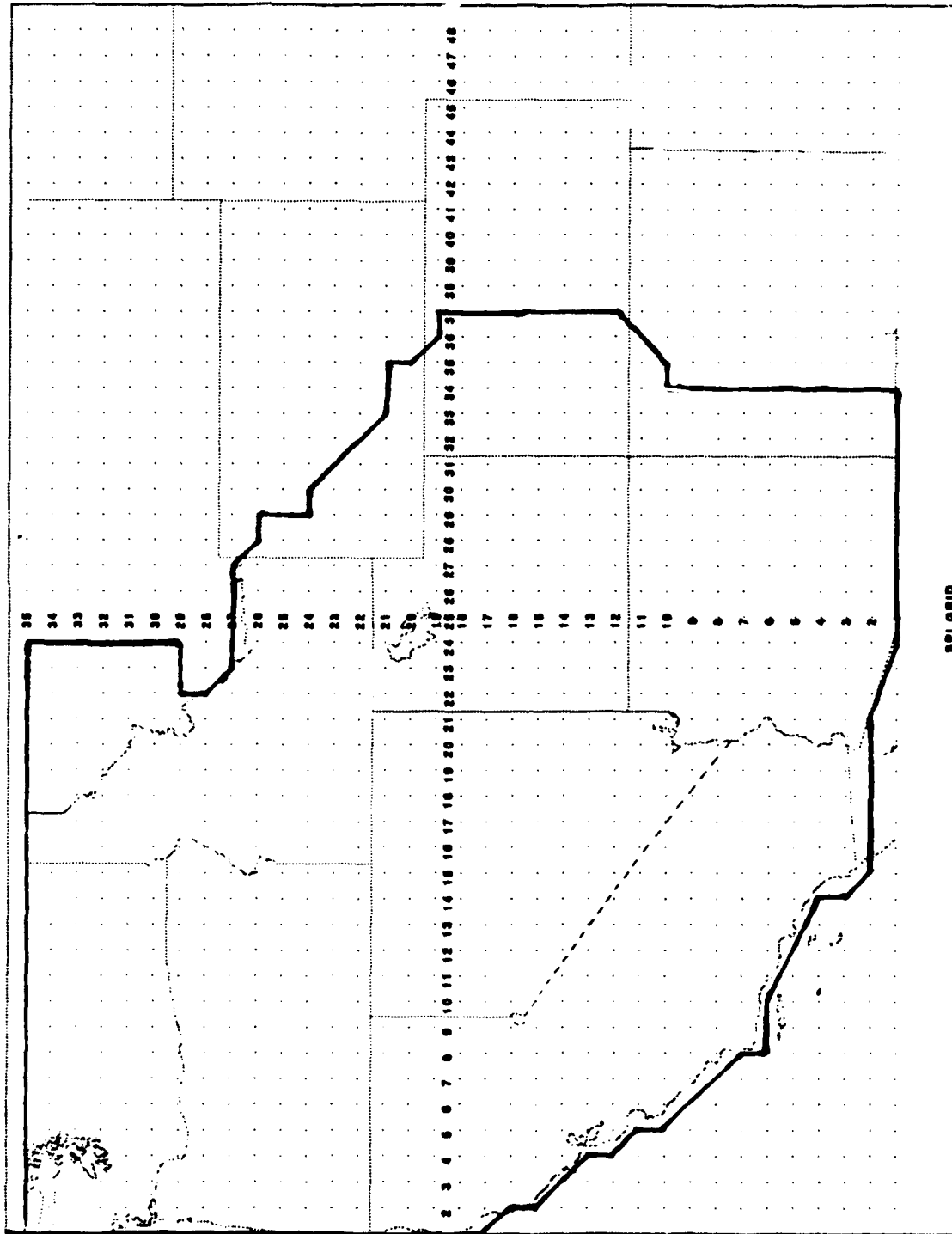


Figure 2. Gempak full SPI grid and SPI grid for western, contiguous U.S. (dark border).

Table 2. Example of gridded SPI Values

Grid file: 12montha.grd								
GRID IDENTIFIER:								
TIME1	TIME2		LEVL1	LEVL2	VCORD	PARM		
360601/1200			0		NONE	TPMC		
AREA: dset					GRID SIZE:		49	35
COLUMNS:	1	49	ROWS:	1	35			
Scale factor: 10**-2								
COLUMN:	1	2	3	4	5	6	7	8
	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24
	25	26	27	28	29	30	31	32
	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48
	49							
ROW 35	-0.42	-0.41	-0.40	-0.39	-0.37	-0.35	-0.34	-0.34
	-0.36	-0.46	-0.67	-0.88	-1.05	-1.18	-1.25	-1.28
	-1.23	-1.11	-0.94	-0.80	-0.74	-0.75	-0.82	-0.97
	-1.21	-1.51	-1.71	-1.81	-1.85	-1.84	-1.80	-1.73
	-1.63	-1.46	-1.15	-0.77	-0.52	-0.35	-0.25	-0.19
	-0.16	-0.16	-0.18	-0.23	-0.32	-0.47	-0.71	-1.06
	-1.40							
ROW 34	-0.35	-0.34	-0.32	-0.30	-0.27	-0.24	-0.21	-0.20
	-0.24	-0.32	-0.46	-0.62	-0.76	-0.87	-0.94	-0.96
	-0.91	-0.80	-0.70	-0.65	-0.67	-0.74	-0.88	-1.11
	-1.38	-1.60	-1.73	-1.81	-1.83	-1.81	-1.77	-1.71
	-1.62	-1.48	-1.25	-0.96	-0.71	-0.53	-0.40	-0.32
	-0.28	-0.26	-0.29	-0.36	-0.50	-0.74	-1.10	-1.43
	-1.64							
ROW 33	-0.27	-0.25	-0.23	-0.20	-0.16	-0.13	-0.11	-0.12
	-0.16	-0.25	-0.38	-0.52	-0.65	-0.73	-0.78	-0.77
	-0.70	-0.60	-0.55	-0.55	-0.62	-0.75	-0.97	-1.22
	-1.43	-1.58	-1.69	-1.76	-1.79	-1.77	-1.73	-1.67
	-1.59	-1.47	-1.29	-1.07	-0.87	-0.71	-0.59	-0.50
	-0.45	-0.43	-0.45	-0.55	-0.77	-1.12	-1.44	-1.65
	-1.80							
ROW 32	-0.23	-0.21	-0.18	-0.14	-0.10	-0.07	-0.06	-0.07
	-0.11	-0.20	-0.35	-0.52	-0.67	-0.77	-0.82	-0.81
	-0.73	-0.61	-0.53	-0.51	-0.59	-0.77	-1.01	-1.20
	-1.35	-1.48	-1.59	-1.68	-1.71	-1.70	-1.65	-1.59
	-1.52	-1.42	-1.29	-1.14	-0.98	-0.84	-0.74	-0.68
	-0.65	-0.65	-0.69	-0.84	-1.14	-1.45	-1.65	-1.80
	-1.91							
ROW 31	-0.21	-0.19	-0.16	-0.12	-0.08	-0.04	-0.02	-0.02
	-0.07	-0.17	-0.33	-0.53	-0.70	-0.83	-0.90	-0.91
	-0.86	-0.75	-0.63	-0.56	-0.60	-0.77	-0.95	-1.09
	-1.21	-1.32	-1.44	-1.54	-1.57	-1.56	-1.51	-1.45
	-1.40	-1.33	-1.25	-1.17	-1.06	-0.95	-0.87	-0.84
	-0.85	-0.89	-0.98	-1.19	-1.46	-1.67	-1.82	-1.92
	-2.00							
ROW 30	-0.20	-0.19	-0.17	-0.13	-0.08	-0.03	0.01	0.01
	-0.05	-0.17	-0.32	-0.50	-0.68	-0.83	-0.93	-0.97
	-0.97	-0.91	-0.80	-0.69	-0.66	-0.76	-0.88	-0.98
	-1.06	-1.15	-1.24	-1.32	-1.36	-1.34	-1.32	-1.30
	-1.28	-1.26	-1.23	-1.19	-1.14	-1.07	-1.03	-1.04
	-1.10	-1.19	-1.33	-1.55	-1.75	-1.89	-1.98	-2.04
	-2.08							
ROW 29	-0.21	-0.20	-0.19	-0.16	-0.10	-0.03	0.02	0.02
	-0.05	-0.18	-0.34	-0.48	-0.63	-0.79	-0.90	-0.98
	-1.01	-1.01	-0.98	-0.91	-0.78	-0.77	-0.84	-0.91
	-0.97	-1.03	-1.08	-1.13	-1.15	-1.16	-1.18	-1.20
	-1.22	-1.23	-1.23	-1.22	-1.22	-1.25	-1.30	-1.41
	-1.55	-1.74	-1.95	-2.09	-2.14	-2.16	-2.17	-2.17
	-2.16							
ROW 28	-0.25	-0.26	-0.27	-0.23	-0.15	-0.06	0.01	0.02
	-0.06	-0.20	-0.36	-0.50	-0.61	-0.70	-0.80	-0.89

	-0.98	-1.04	-1.09	-1.11	-1.04	-0.86	-0.83	-0.87
	-0.91	-0.95	-0.98	-1.01	-1.03	-1.06	-1.11	-1.15
	-1.19	-1.23	-1.25	-1.29	-1.37	-1.56	-1.86	-2.15
	-2.39	-2.55	-2.65	-2.69	-2.67	-2.57	-2.42	-2.30
	-2.22							
ROW 27	-0.34	-0.37	-0.37	-0.33	-0.21	-0.08	0.02	0.05
	-0.01	-0.16	-0.34	-0.47	-0.53	-0.56	-0.65	-0.77
	-0.90	-1.00	-1.05	-1.08	-1.08	-0.99	-0.89	-0.87
	-0.88	-0.90	-0.92	-0.93	-0.95	-1.00	-1.07	-1.14
	-1.20	-1.26	-1.32	-1.40	-1.60	-2.11	-2.47	-2.70
	-2.85	-2.94	-2.98	-2.96	-2.90	-2.78	-2.58	-2.28
	-2.00							
ROW 26	-0.43	-0.46	-0.45	-0.37	-0.22	-0.05	0.07	0.12
	0.09	-0.03	-0.21	-0.34	-0.39	-0.47	-0.58	-0.70
	-0.83	-0.92	-0.96	-0.97	-0.96	-0.92	-0.90	-0.90
	-0.91	-0.91	-0.92	-0.93	-1.00	-1.16	-1.33	-1.45
	-1.53	-1.60	-1.66	-1.76	-1.98	-2.35	-2.63	-2.83
	-2.96	-3.02	-3.04	-2.99	-2.88	-2.69	-2.34	-1.96
	-1.71							
ROW 25	-0.33	-0.36	-0.35	-0.28	-0.14	0.01	0.13	0.20
	0.20	0.12	-0.04	-0.20	-0.31	-0.41	-0.52	-0.63
	-0.73	-0.79	-0.78	-0.74	-0.68	-0.68	-0.75	-0.78
	-0.78	-0.76	-0.74	-0.74	-0.91	-1.29	-1.57	-1.74
	-1.85	-1.93	-2.00	-2.06	-2.00	-2.09	-2.40	-2.64
	-2.81	-2.90	-2.92	-2.87	-2.71	-2.39	-1.99	-1.72
	-1.57							
ROW 24	-0.04	-0.07	-0.09	-0.09	-0.04	0.06	0.17	0.25
	0.28	0.23	0.08	-0.10	-0.23	-0.33	-0.42	-0.50
	-0.54	-0.51	-0.42	-0.31	-0.27	-0.35	-0.53	-0.59
	-0.56	-0.48	-0.37	-0.34	-0.58	-1.07	-1.45	-1.67
	-1.81	-1.90	-1.95	-1.90	-1.57	-1.52	-1.78	-2.15
	-2.49	-2.71	-2.80	-2.75	-2.48	-2.06	-1.76	-1.60
	-1.49							
ROW 23	0.11	0.09	0.08	0.07	0.07	0.11	0.18	0.28
	0.32	0.30	0.19	0.01	-0.16	-0.25	-0.30	-0.29
	-0.20	-0.10	-0.03	0.00	-0.02	-0.11	-0.29	-0.37
	-0.31	-0.19	-0.09	-0.08	-0.30	-0.80	-1.27	-1.55
	-1.71	-1.81	-1.81	-1.55	-1.15	-1.16	-1.34	-1.65
	-2.11	-2.61	-2.94	-2.95	-2.51	-1.97	-1.69	-1.55
	-1.46							
ROW 22	0.14	0.18	0.20	0.20	0.22	0.25	0.33	0.42
	0.44	0.40	0.28	0.05	-0.22	-0.35	-0.31	-0.14
	0.01	0.08	0.09	0.08	0.03	-0.07	-0.23	-0.31
	-0.26	-0.18	-0.11	-0.09	-0.18	-0.55	-1.06	-1.40
	-1.59	-1.67	-1.56	-1.06	-0.82	-0.89	-1.05	-1.34
	-1.81	-2.42	-2.92	-3.09	-2.74	-2.07	-1.69	-1.54
	-1.46							
ROW 21	0.02	0.15	0.26	0.34	0.41	0.48	0.54	0.57
	0.55	0.48	0.32	0.03	-0.23	-0.34	-0.31	-0.15
	-0.01	0.05	0.05	0.01	-0.07	-0.22	-0.43	-0.50
	-0.46	-0.39	-0.32	-0.25	-0.24	-0.39	-0.81	-1.22
	-1.44	-1.45	-1.04	-0.59	-0.54	-0.63	-0.78	-1.06
	-1.51	-2.15	-2.73	-2.97	-2.71	-2.07	-1.67	-1.51
	-1.44							
ROW 20	-0.12	0.05	0.29	0.53	0.67	0.69	0.66	0.63
	0.59	0.50	0.29	0.00	-0.22	-0.31	-0.28	-0.15
	-0.03	0.00	-0.02	-0.09	-0.21	-0.46	-0.65	-0.67
	-0.62	-0.56	-0.50	-0.43	-0.38	-0.38	-0.55	-0.96
	-1.20	-0.91	-0.42	-0.30	0.31	-0.39	-0.53	-0.77
	-1.18	-1.81	-2.43	-2.68	-2.38	-1.84	-1.54	-1.42
	-1.37							
ROW 19	-0.09	0.13	0.43	0.65	0.71	0.69	0.63	0.58
	0.53	0.43	0.23	-0.02	-0.18	-0.26	-0.24	-0.13
	-0.04	-0.03	-0.07	-0.15	-0.33	-0.61	-0.74	-0.74
	-0.70	-0.65	-0.59	-0.53	-0.47	-0.43	-0.43	-0.59
	-0.67	-0.32	-0.19	-0.16	-0.18	-0.24	-0.34	-0.52
	-0.85	-1.39	-1.95	-2.04	-1.74	-1.45	-1.31	-1.26
	-1.23							
ROW 18	0.02	0.27	0.48	0.59	0.62	0.61	0.59	0.55
	0.49	0.38	0.21	0.02	-0.10	-0.16	-0.15	-0.10
	-0.05	-0.04	-0.09	-0.18	-0.36	-0.61	-0.70	-0.71

	-0.68	-0.64	-0.60	-0.55	-0.51	-0.47	-0.48	-0.68
	-0.79	-0.50	-0.22	-0.13	-0.12	-0.17	-0.26	-0.40
	-0.64	-1.08	-1.47	-1.47	-1.34	-1.21	-1.10	-1.02
	-0.98							
ROW 17	0.14	0.29	0.40	0.47	0.52	0.56	0.59	0.59
	0.54	0.43	0.24	0.05	-0.06	-0.09	-0.10	-0.09
	-0.06	-0.05	-0.09	-0.17	-0.31	-0.48	-0.55	-0.56
	-0.56	-0.54	-0.52	-0.51	-0.50	-0.51	-0.66	-0.90
	-0.97	-0.88	-0.59	-0.26	-0.14	-0.16	-0.24	-0.39
	-0.70	-1.25	-1.51	-1.49	-1.37	-1.21	-1.01	-0.78
	-0.56							
ROW 16	0.16	0.22	0.29	0.37	0.46	0.55	0.62	0.66
	0.63	0.50	0.27	0.00	-0.17	-0.22	-0.19	-0.15
	-0.09	-0.06	-0.09	-0.16	-0.27	-0.38	-0.42	-0.42
	-0.42	-0.41	-0.42	-0.44	-0.49	-0.60	-0.81	-0.95
	-0.99	-0.98	-0.91	-0.67	-0.34	-0.22	-0.31	-0.59
	-1.10	-1.50	-1.64	-1.62	-1.48	-1.24	-0.89	-0.50
	-0.17							
ROW 15	0.14	0.18	0.23	0.30	0.41	0.53	0.63	0.70
	0.70	0.58	0.29	-0.06	-0.32	-0.43	-0.42	-0.32
	-0.18	-0.08	-0.09	-0.16	-0.26	-0.35	-0.38	-0.37
	-0.36	-0.36	-0.40	-0.47	-0.57	-0.69	-0.84	-0.93
	-0.95	-0.94	-0.91	-0.86	-0.72	-0.51	-0.64	-0.96
	-1.21	-1.41	-1.55	-1.60	-1.48	-1.13	-0.65	-0.21
	0.09							
ROW 14	0.14	0.17	0.21	0.26	0.33	0.44	0.57	0.68
	0.72	0.63	0.36	-0.02	-0.35	-0.55	-0.62	-0.57
	-0.37	-0.13	-0.10	-0.17	-0.28	-0.37	-0.39	-0.39
	-0.39	-0.41	-0.48	-0.57	-0.65	-0.72	-0.79	-0.81
	-0.80	-0.77	-0.75	-0.74	-0.73	-0.71	-0.78	-0.90
	-1.03	-1.17	-1.30	-1.40	-1.32	-0.94	-0.42	-0.03
	0.21							
ROW 13	0.15	0.16	0.18	0.20	0.23	0.31	0.42	0.56
	0.64	0.61	0.49	0.26	-0.07	-0.38	-0.60	-0.69
	-0.60	-0.26	-0.11	-0.19	-0.33	-0.42	-0.44	-0.44
	-0.45	-0.50	-0.57	-0.64	-0.66	-0.63	-0.54	-0.45
	-0.41	-0.38	-0.37	-0.41	-0.48	-0.54	-0.58	-0.65
	-0.76	-0.89	-1.03	-1.18	-1.24	-1.05	-0.63	-0.21
	0.09							
ROW 12	0.14	0.13	0.12	0.12	0.14	0.19	0.30	0.44
	0.54	0.56	0.54	0.49	0.37	0.16	-0.14	-0.42
	-0.60	-0.43	-0.14	-0.21	-0.38	-0.47	-0.49	-0.50
	-0.52	-0.57	-0.62	-0.63	-0.56	-0.32	-0.06	0.07
	0.13	0.15	0.12	-0.04	-0.25	-0.35	-0.39	-0.42
	-0.47	-0.56	-0.74	-1.01	-1.31	-1.42	-1.33	-1.06
	-0.66							
ROW 11	0.10	0.07	0.05	0.05	0.08	0.14	0.25	0.39
	0.49	0.53	0.54	0.54	0.52	0.47	0.38	0.21
	-0.04	-0.28	-0.21	-0.27	-0.45	-0.52	-0.54	-0.55
	-0.57	-0.58	-0.58	-0.50	-0.24	0.09	0.27	0.37
	0.42	0.43	0.37	0.21	-0.02	-0.15	-0.22	-0.26
	-0.30	-0.36	-0.50	-0.81	-1.17	-1.36	-1.41	-1.40
	-1.31							
ROW 10	0.03	0.01	0.01	0.03	0.06	0.13	0.23	0.36
	0.44	0.47	0.48	0.47	0.46	0.42	0.37	0.29
	0.21	0.11	-0.13	-0.39	-0.47	-0.51	-0.52	-0.52
	-0.52	-0.49	-0.41	-0.23	0.03	0.25	0.39	0.48
	0.54	0.55	0.52	0.40	0.22	0.06	-0.05	-0.15
	-0.23	-0.31	-0.41	-0.59	-0.81	-0.95	-1.02	-1.05
	-1.06							
ROW 9	-0.01	-0.01	0.01	0.03	0.08	0.14	0.22	0.30
	0.33	0.33	0.31	0.28	0.24	0.18	0.13	0.12
	0.11	0.03	-0.24	-0.44	-0.46	-0.47	-0.48	-0.48
	-0.47	-0.43	-0.35	-0.18	0.02	0.19	0.34	0.47
	0.57	0.61	0.60	0.54	0.42	0.26	0.10	-0.07
	-0.22	-0.33	-0.41	-0.42	-0.37	-0.33	-0.33	-0.33
	-0.35							
ROW 8	-0.01	0.00	0.02	0.06	0.09	0.13	0.17	0.18
	0.17	0.14	0.09	0.03	-0.03	-0.05	-0.01	0.04
	0.04	-0.08	-0.35	-0.51	-0.49	-0.45	-0.44	-0.44
	-0.43	-0.40	-0.32	-0.17	-0.01	0.11	0.21	0.33

	0.49	0.60	0.64	0.61	0.53	0.38	0.19	-0.02
	-0.21	-0.34	-0.39	-0.32	-0.12	0.09	0.18	0.22
	0.23							
ROW 7	0.01	0.02	0.05	0.07	0.10	0.13	0.14	0.12
	0.08	0.01	-0.07	-0.15	-0.18	-0.13	-0.06	-0.01
	-0.03	-0.18	-0.44	-0.56	-0.53	-0.45	-0.42	-0.41
	-0.39	-0.36	-0.29	-0.18	-0.05	0.04	0.10	0.17
	0.30	0.49	0.60	0.62	0.56	0.42	0.21	-0.01
	-0.19	-0.29	-0.32	-0.26	-0.05	0.22	0.38	0.46
	0.49							
ROW 6	0.03	0.04	0.06	0.09	0.14	0.16	0.14	0.10
	0.03	-0.05	-0.16	-0.24	-0.25	-0.18	-0.11	-0.06
	-0.10	-0.27	-0.48	-0.57	-0.56	-0.48	-0.41	-0.38
	-0.35	-0.32	-0.26	-0.17	-0.09	-0.05	-0.03	0.01
	0.11	0.30	0.47	0.55	0.52	0.39	0.16	-0.05
	-0.17	-0.22	-0.23	-0.19	-0.05	0.21	0.43	0.55
	0.61							
ROW 5	0.05	0.06	0.09	0.15	0.17	0.14	0.10	0.04
	-0.03	-0.14	-0.26	-0.34	-0.32	-0.24	-0.15	-0.11
	-0.15	-0.32	-0.48	-0.56	-0.55	-0.49	-0.42	-0.37
	-0.32	-0.26	-0.20	-0.16	-0.15	-0.19	-0.23	-0.19
	-0.06	0.13	0.30	0.40	0.40	0.27	0.03	-0.16
	-0.22	-0.21	-0.19	-0.14	-0.05	0.14	0.39	0.57
	0.66							
ROW 4	-9999.00	0.12	0.16	0.16	0.13	0.09	0.04	-0.03
	-0.11	-0.24	-0.38	-0.42	-0.36	-0.27	-0.18	-0.15
	-0.20	-0.34	-0.47	-0.52	-0.52	-0.48	-0.43	-0.37
	-0.30	-0.20	-0.12	-0.12	-0.24	-0.42	-0.48	-0.41
	-0.25	-0.04	0.13	0.23	0.26	0.17	-0.04	-0.24
	-0.31	-0.29	-0.22	-0.15	-0.07	0.06	0.28	0.51
	0.66							
ROW 3	-9999.00	-9999.00	-9999.00	0.12	0.08	0.03	-0.02	-0.10
	-0.22	-0.37	-0.47	-0.44	-0.36	-0.27	-0.20	-0.19
	-0.24	-0.35	-0.44	-0.46	-0.46	-0.44	-0.42	-0.36
	-0.23	-0.06	0.02	-0.06	-0.30	-0.56	-0.66	-0.59
	-0.43	-0.23	-0.06	0.03	0.08	0.06	-0.07	-0.26
	-0.38	-0.39	-0.33	-0.23	-0.13	-0.01	0.15	0.39
	0.61							
ROW 2	-9999.00	-9999.00	-9999.00	-9999.00	0.03	-0.02	-0.09	-0.20
	-0.35	-0.47	-0.46	-0.40	-0.33	-0.28	-0.24	-0.24
	-0.28	-0.35	-0.41	-0.42	-0.40	-0.40	-0.39	-0.29
	-0.07	0.14	0.18	0.03	-0.28	-0.61	-0.74	-0.71
	-0.60	-0.45	-0.32	-0.26	-0.21	-0.17	-0.18	-0.28
	-0.41	-0.46	-0.44	-0.36	-0.24	-0.11	0.03	0.22
	0.48							
ROW 1	-9999.00	-9999.00	-9999.00	-9999.00	-9999.00	-0.03	-0.18	-0.33
	-0.45	-0.46	-0.42	-0.38	-0.33	-0.30	-0.28	-0.28
	-0.31	-0.36	-0.39	-0.38	-0.36	-0.35	-0.32	-0.14
	0.17	0.35	0.32	0.12	-0.24	-0.61	-0.78	-0.79
	-0.74	-0.67	-0.60	-0.55	-0.51	-0.45	-0.40	-0.39
	-0.45	-0.51	-0.52	-0.48	-0.39	-0.25	-0.09	0.07
	0.29							

The full grid was cut along the divide with precision to ensure all stations west of the divide remained west on the "new" grid. The darkened border in figure 2 illustrates the inclusive grid that was developed using geographic map aids.

Once the "new" grid was instituted, the full grids were analyzed using a sorting program that placed values that fell in the "new" grids outline into appropriate bins. These bins broke down the SPI values into 0.5 interval blocks and kept track of the total number of values that fell within each block. The numbers in the block were divided by the total number of grid points in the "new" grid and multiplied by 100% to produce a percentage area table. The outputted results, however, were cumulative to make it is easy for the data manipulation that was planned. The program produced three tables (see Tables B.1, B.2, B.3 in Appendix B) for the 12, 24, and 48 month timescales. These tables were then imported into a graphing application software that produced figure 3.

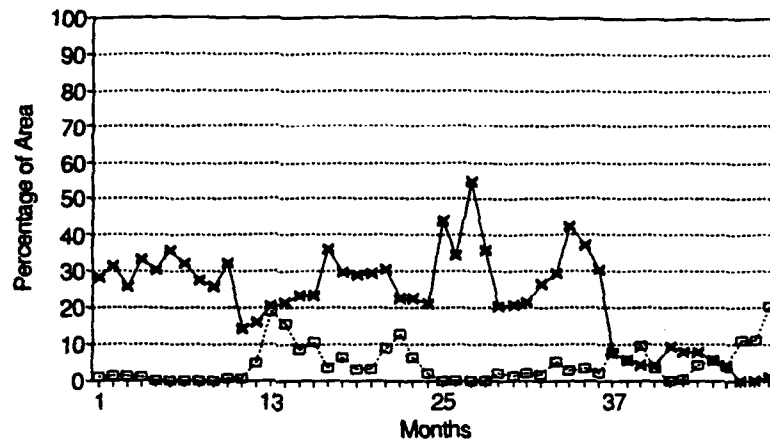
#### **4.2. Defining Drought Periods**

With the development of tables B.1-B.3 and figure 3, a determination of drought episodes can be done quantitatively. In order to evaluate the drought times, a set of guidelines has been developed in an attempt to ascertain the stronger dry events. The initial guidelines developed to determine drought episodes at each timescale are as follows:

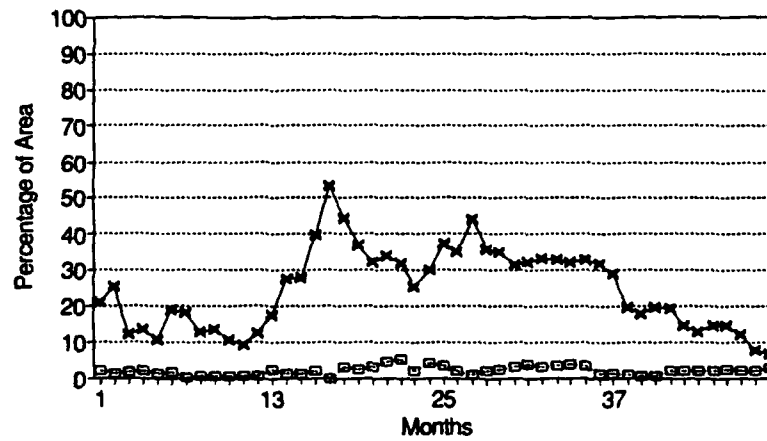
- 1) The beginning and end month of the drought period must be greater than or equal to 30% areal coverage.

# West of the Continental Divide

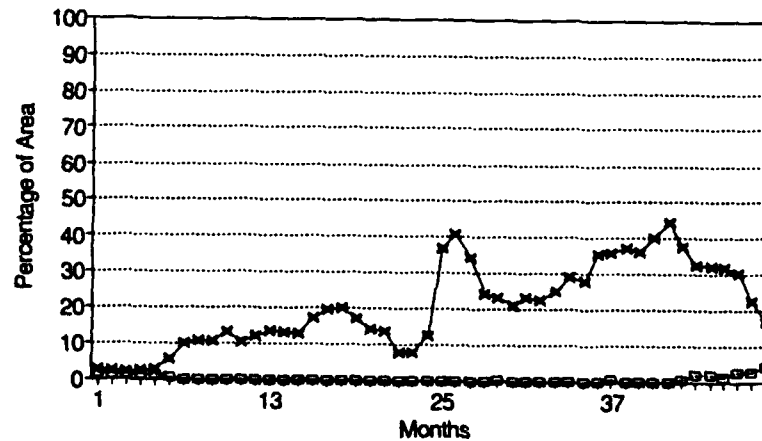
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

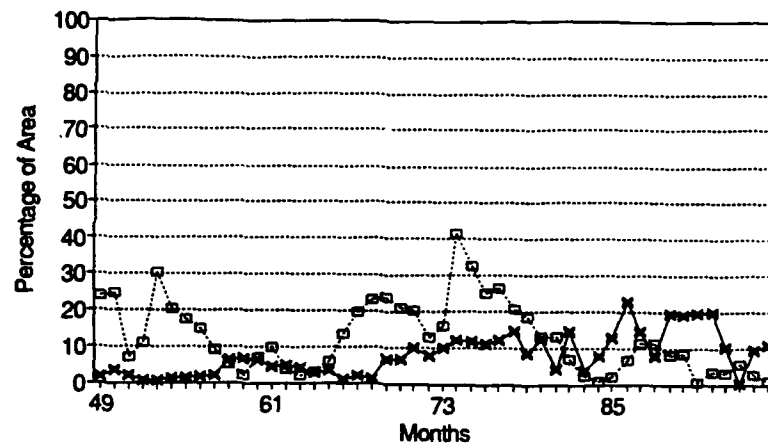


—x— SPI  $\geq$  1.0    -□- SPI  $<$  -1.0

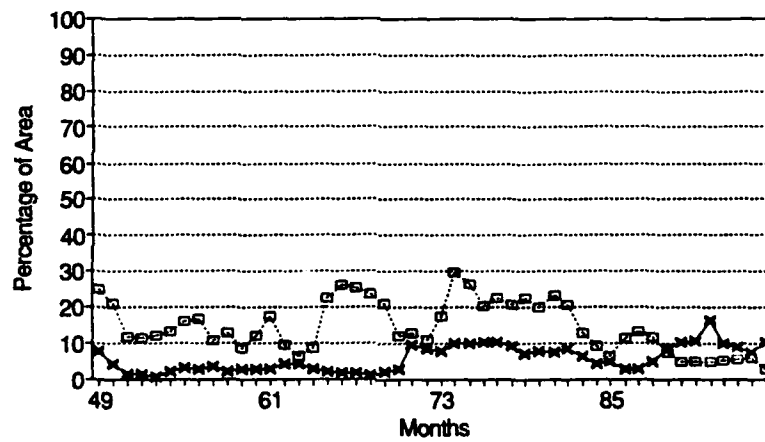
Figure 3a. SPI Time Series Plots for the 12, 24, 48 month timescales beginning January 1914 through December 1917.

# West of the Continental Divide

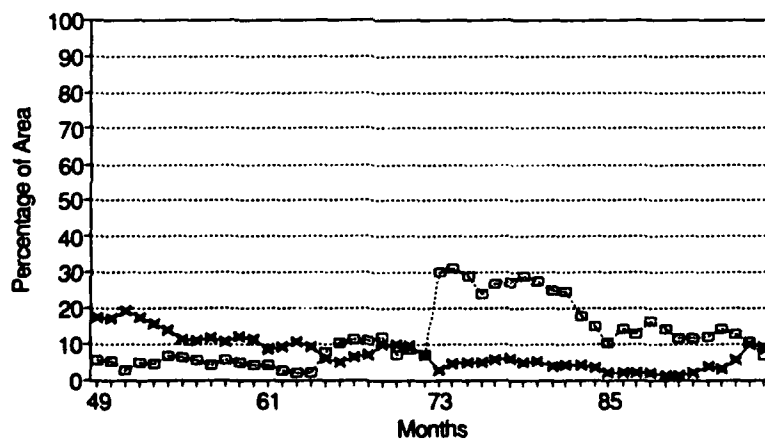
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale



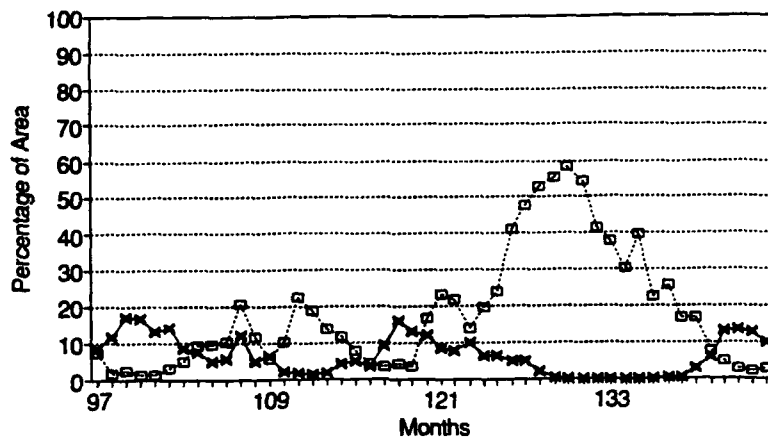
—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

Figure 3b. Same as Fig. 3a except for January 1918 through December 1921.

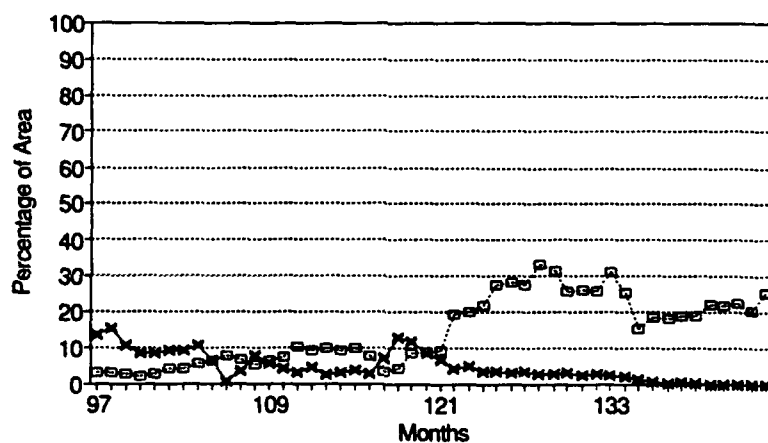


# West of the Continental Divide

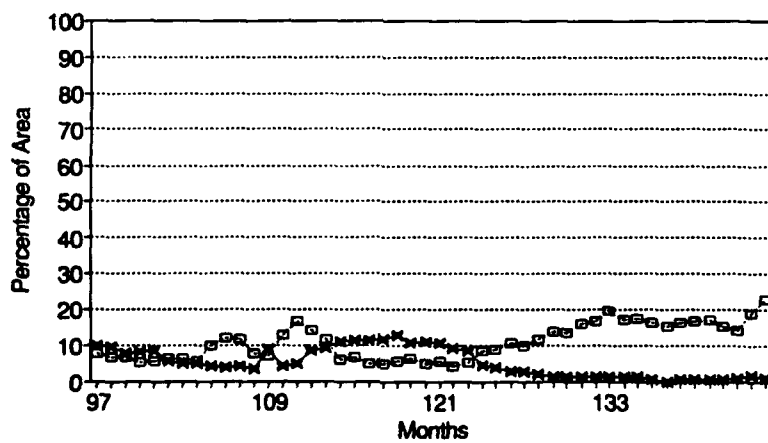
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

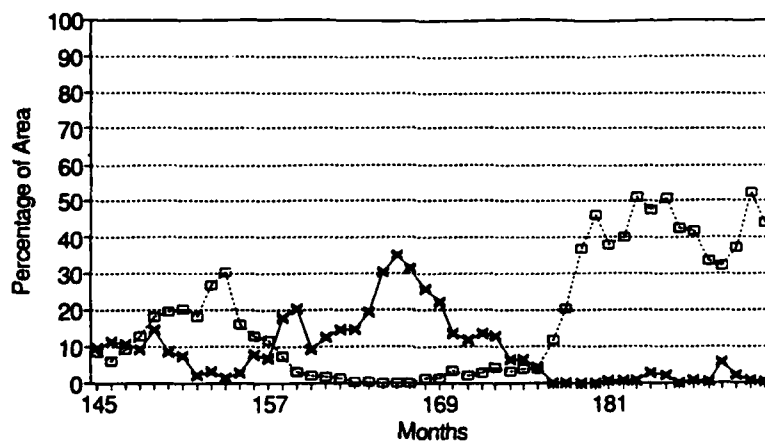


—x— SPI  $\geq 1.0$     - - - □ - - - SPI  $< -1.0$

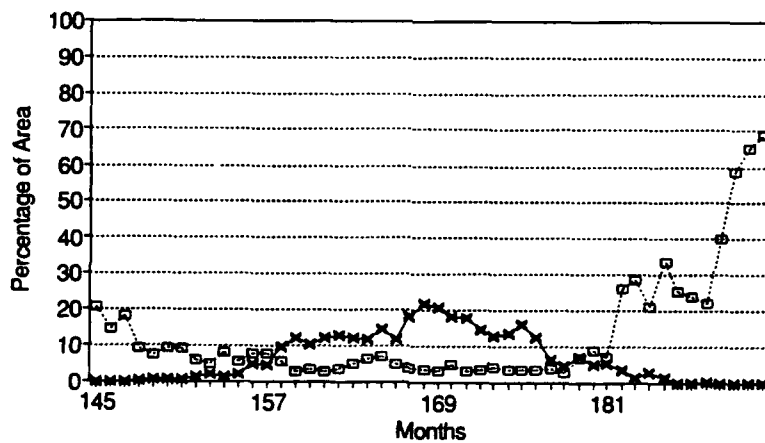
Figure 3c. Same as Fig. 3a except for January 1922 through December 1925.

# West of the Continental Divide

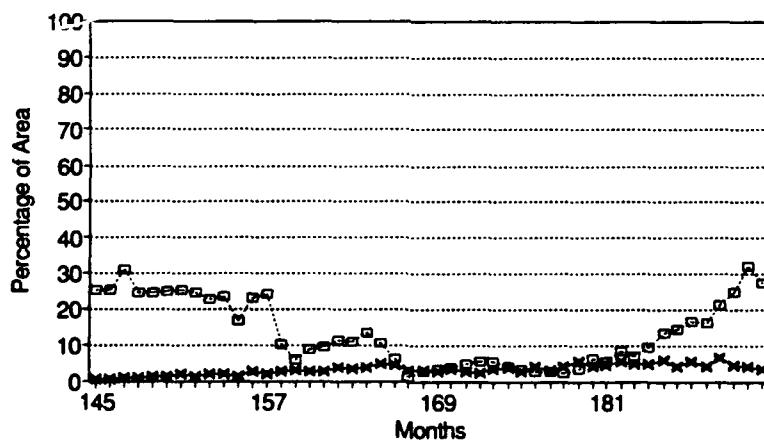
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

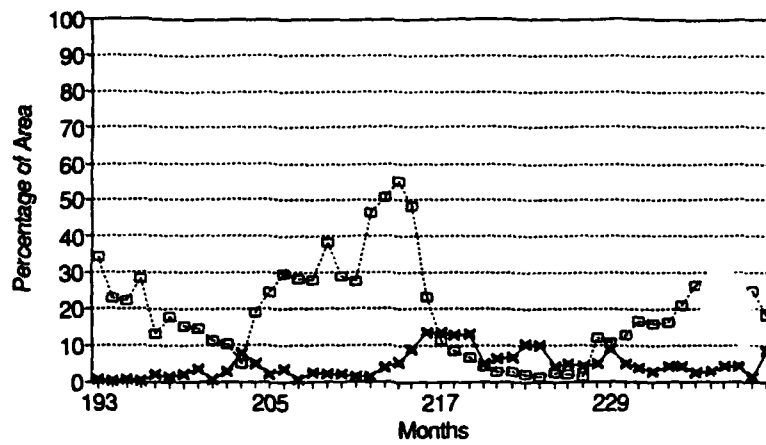


—x—  $SPI \geq 1.0$     -□-  $SPI < -1.0$

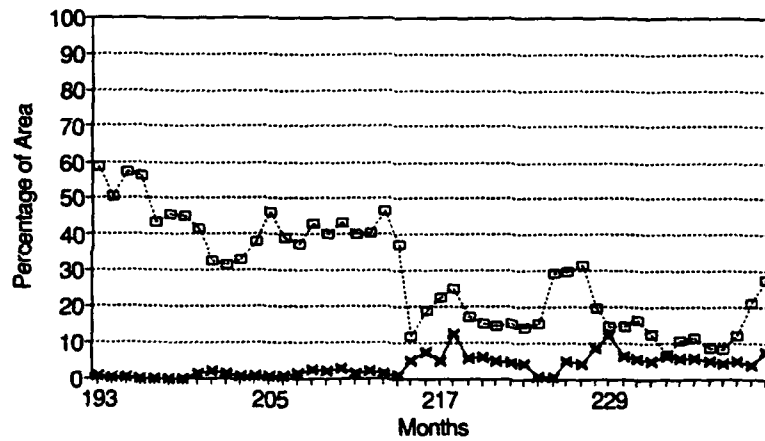
Figure 3d. Same as Fig. 3a except for January 1926 through December 1929.

# West of the Continental Divide

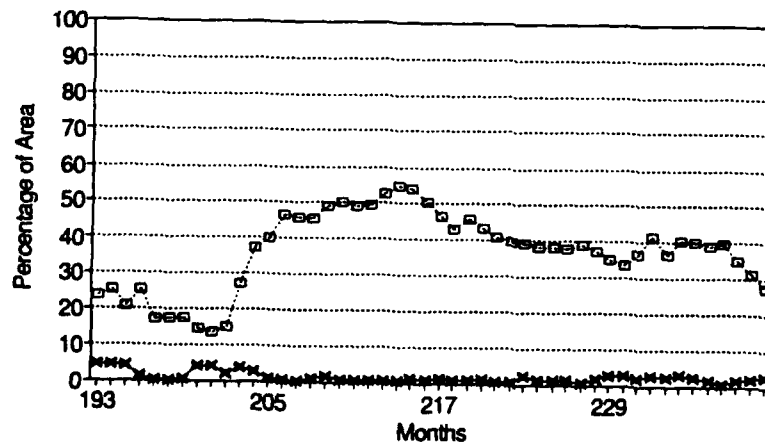
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

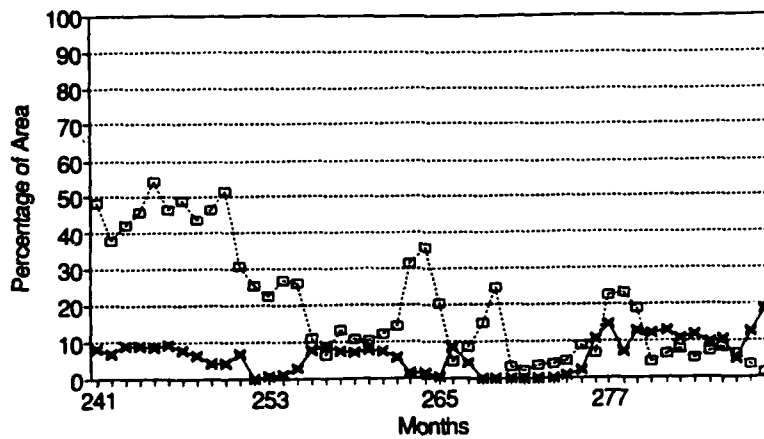


—x—  $SPI \geq 1.0$     -□-  $SPI < -1.0$

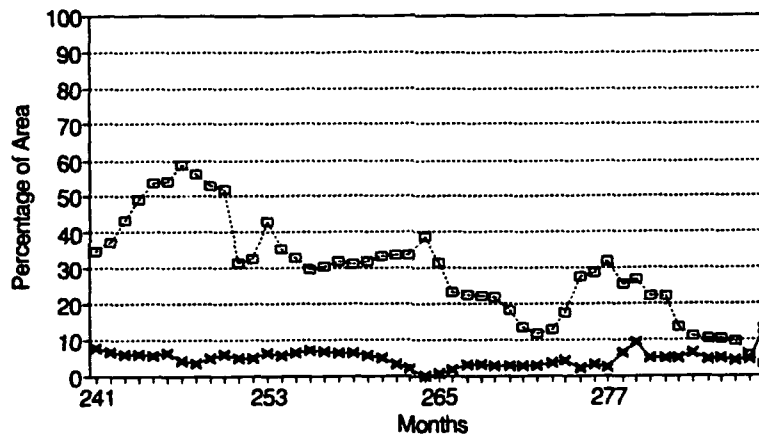
Figure 3e. Same as Fig. 3a except for January 1930 through December 1933.

# West of the Continental Divide

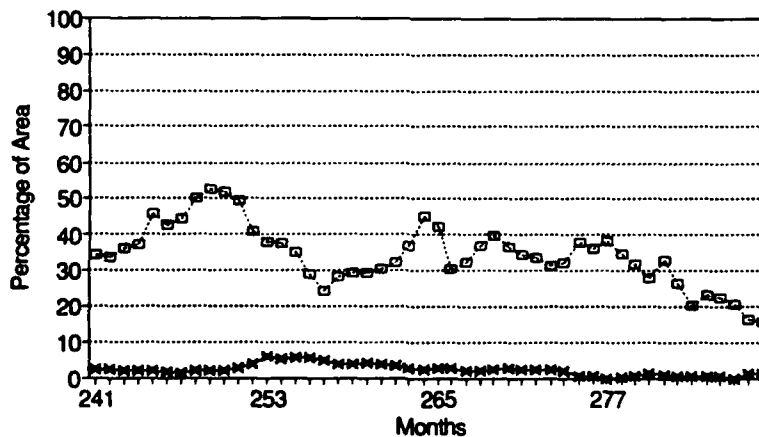
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

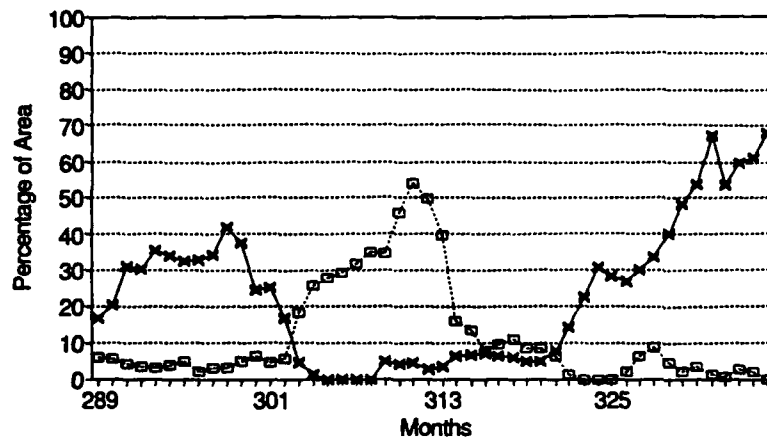


—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

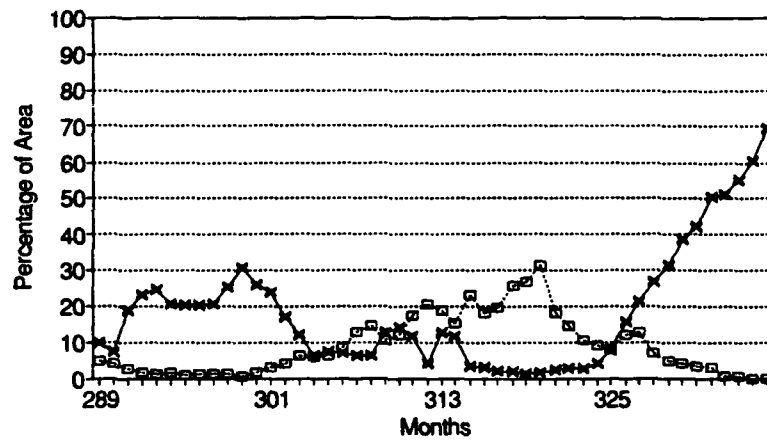
Figure 3f. Same as Fig. 3a except for January 1934 through December 1937.

# West of the Continental Divide

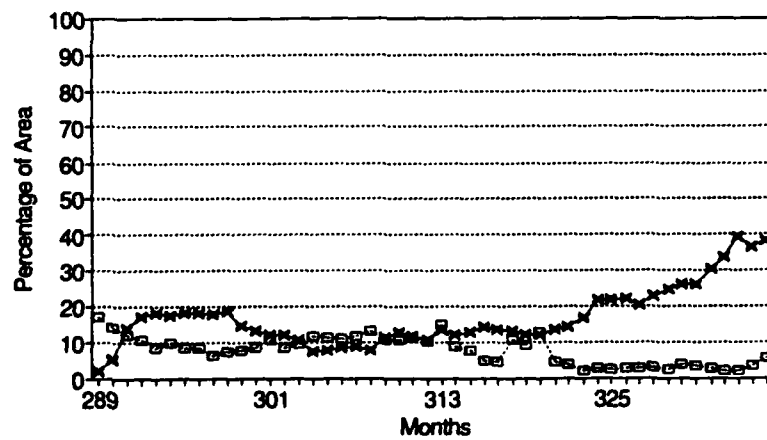
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

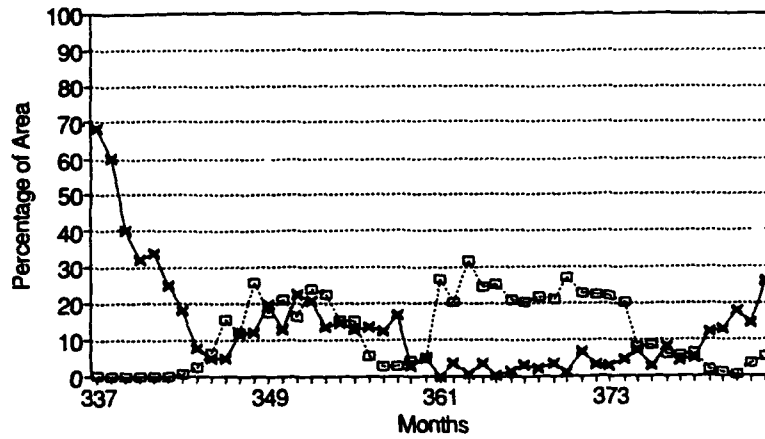


—x—  $SPI \geq 1.0$     -□-  $SPI < -1.0$

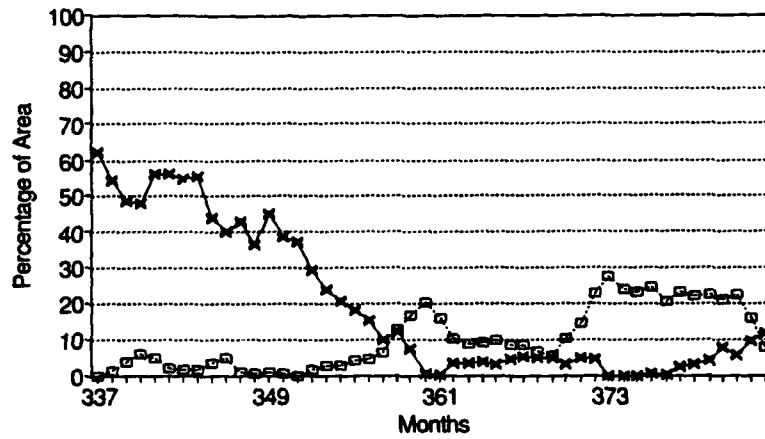
Figure 3g. Same as Fig. 3a except for January 1938 through December 1941.

# West of the Continental Divide

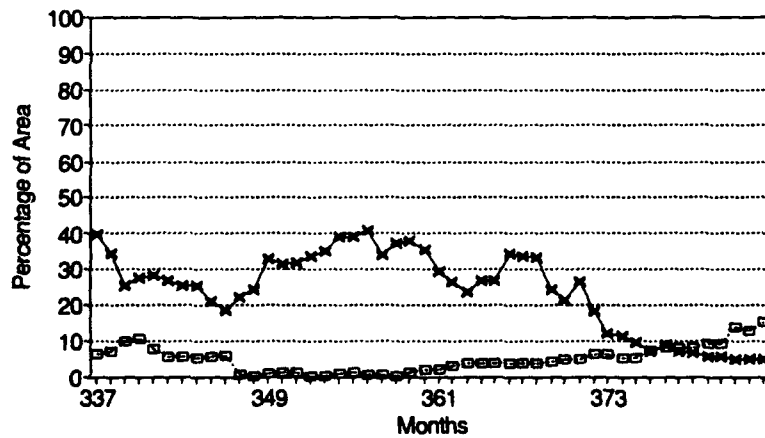
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale



—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

Figure 3h. Same as Fig. 3a except for January 1942 through December 1945.

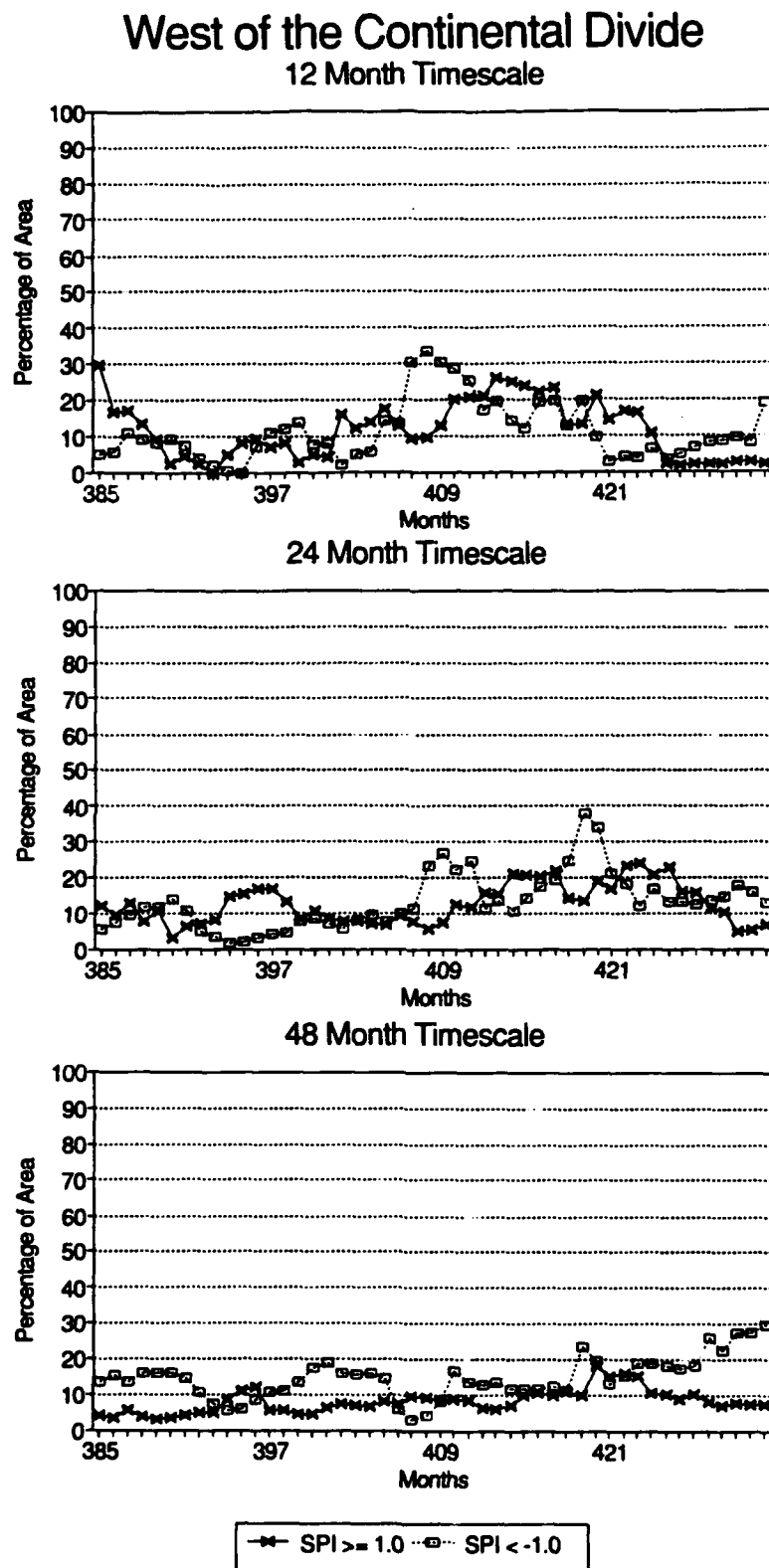
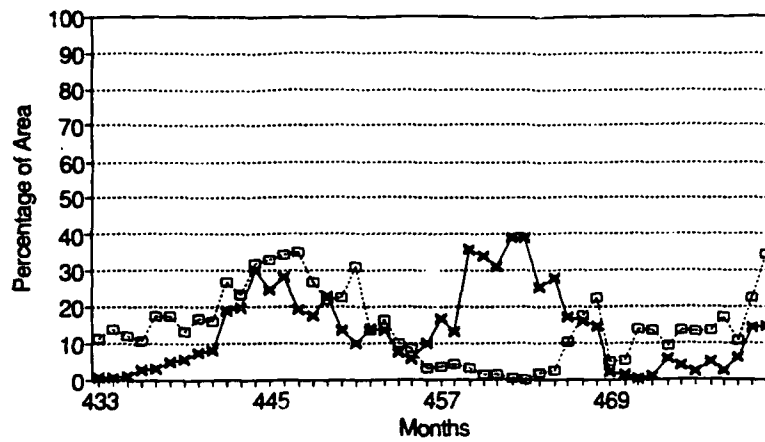


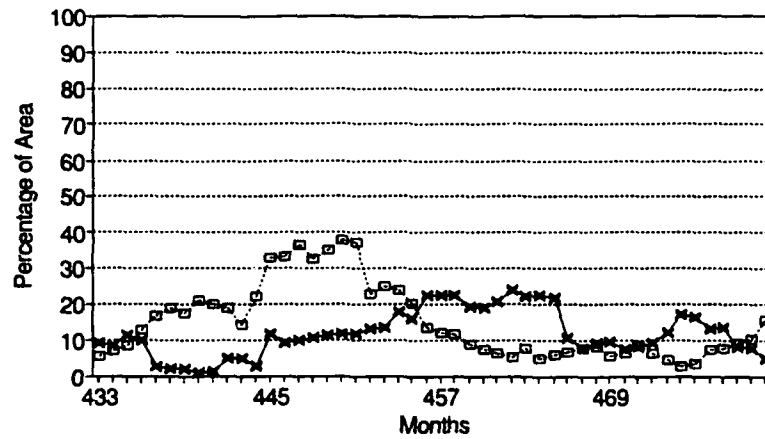
Figure 3i. Same as Fig. 3a except for January 1946 through December 1949.

# West of the Continental Divide

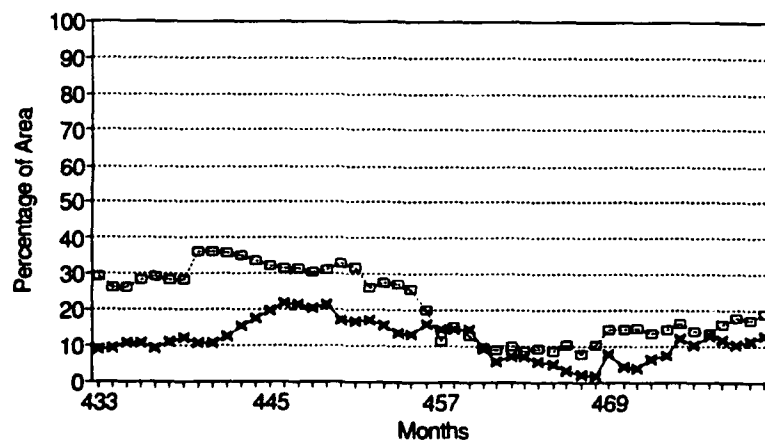
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale



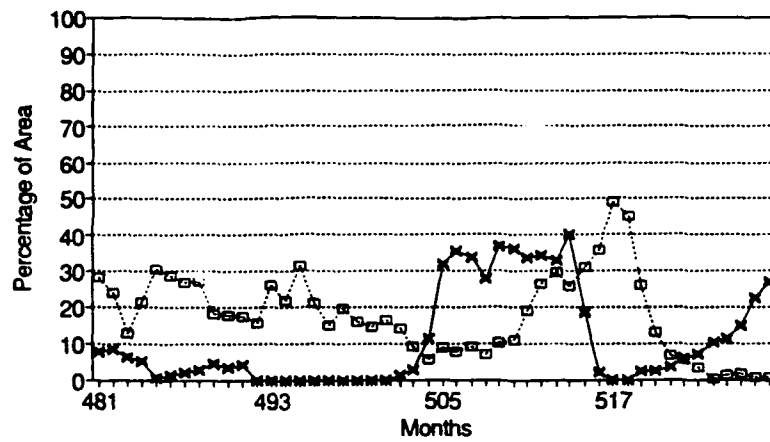
—x— SPI  $\geq 1.0$     - - - □ - - - SPI  $< -1.0$

Figure 3j. Same as Fig. 3a except for January 1950 through December 1953.

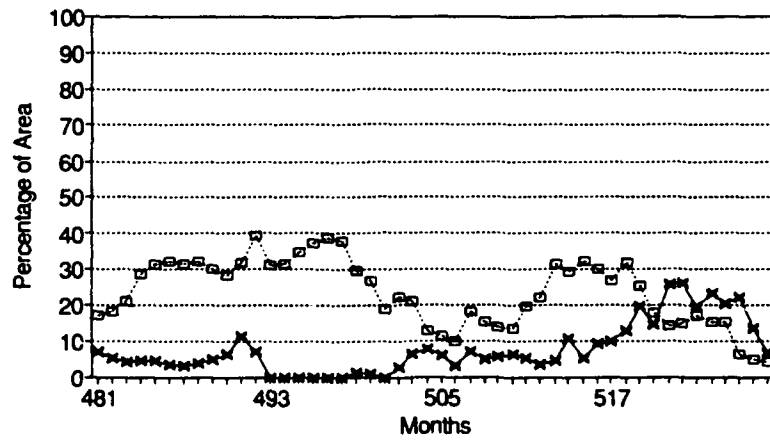


# West of the Continental Divide

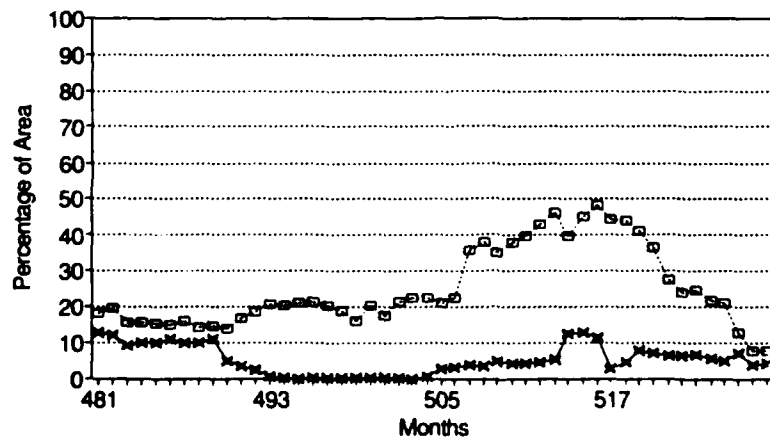
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

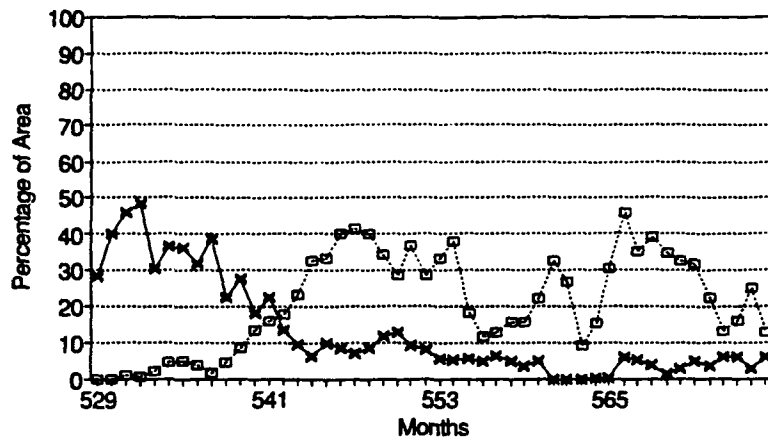


—x—  $SPI \geq 1.0$     -□-  $SPI < -1.0$

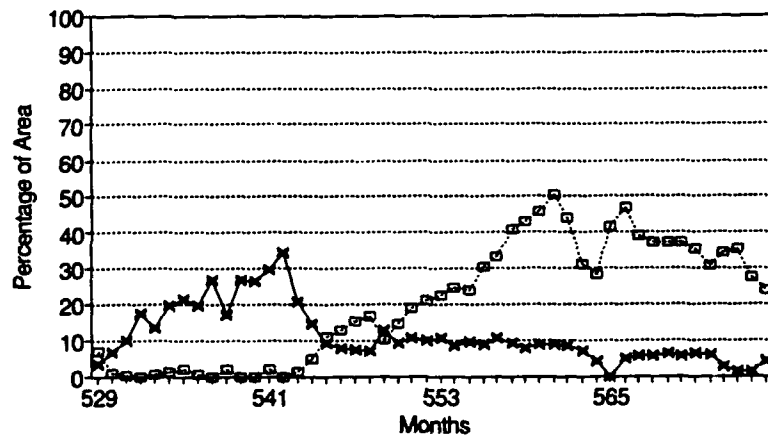
Figure 3k. Same as Fig. 3a except for January 1954 through December 1957.

# West of the Continental Divide

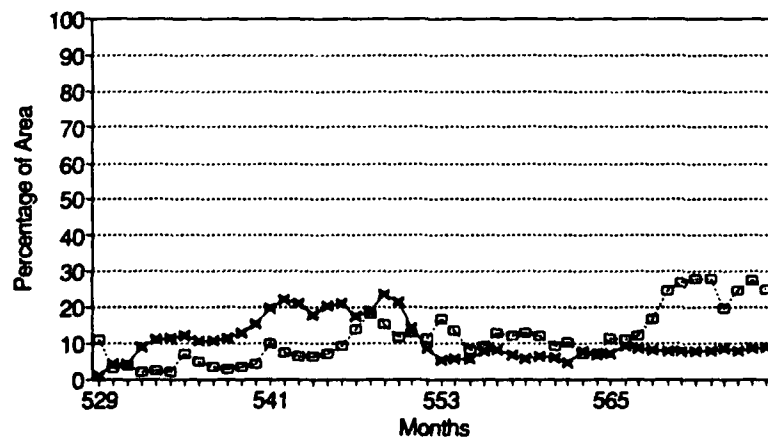
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

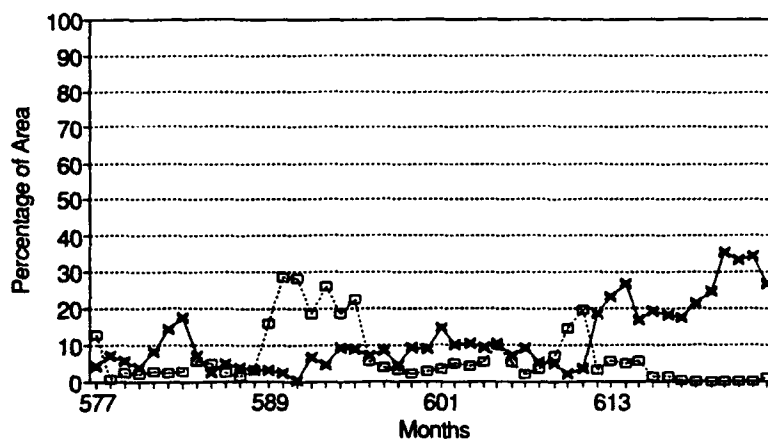


—x— SPI  $\geq 1.0$     - - - □ - - - SPI  $< -1.0$

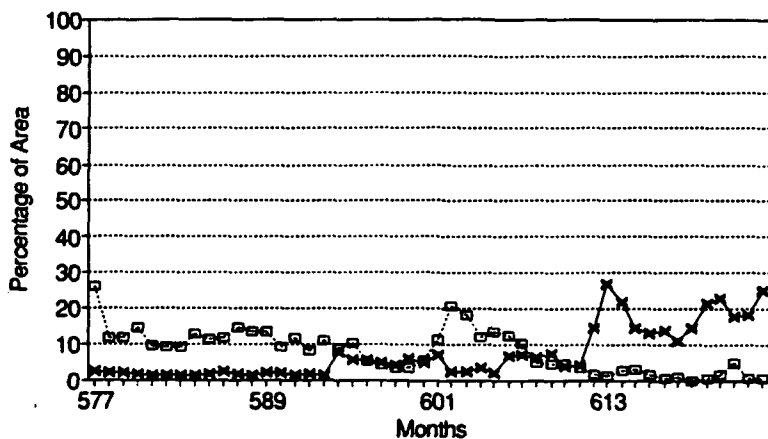
Figure 3f. Same as Fig. 3a except for January 1958 through December 1962.

# West of the Continental Divide

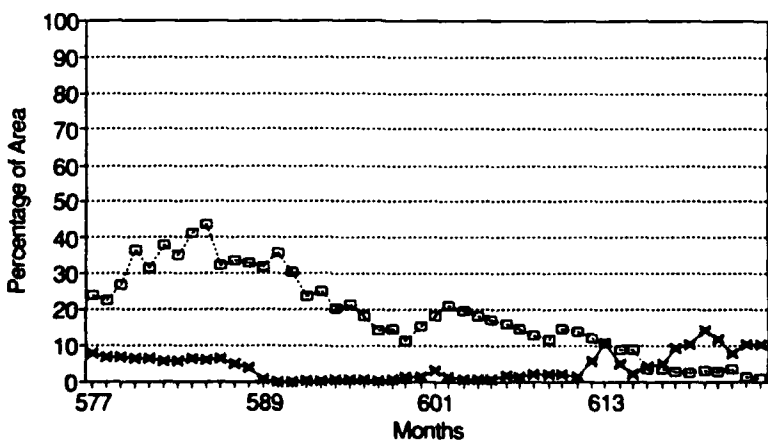
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

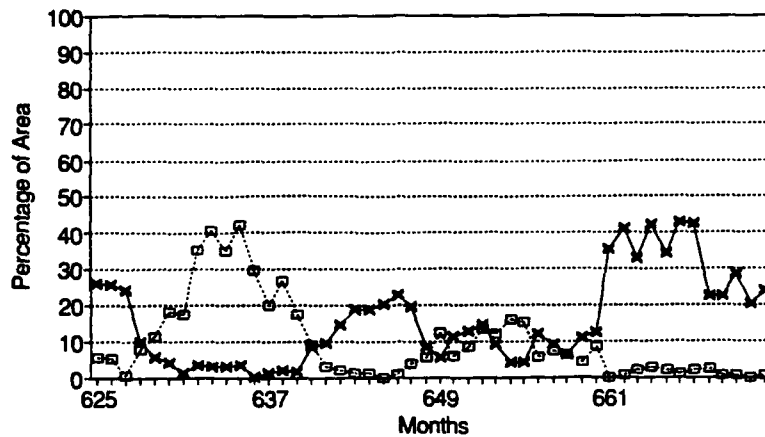


—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

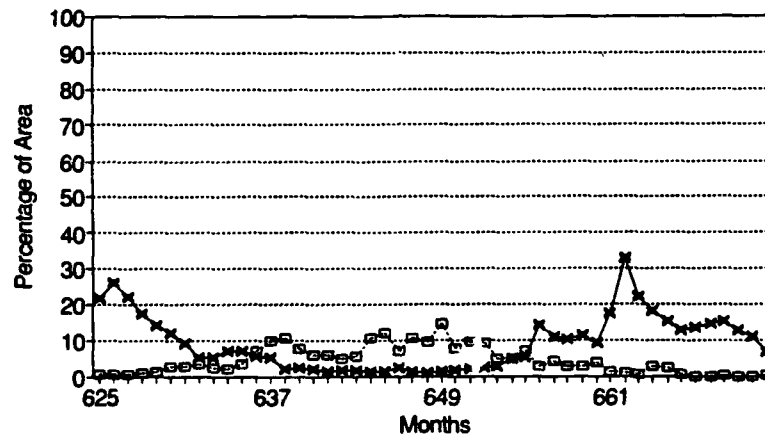
Figure 3m. Same as Fig. 3a except for January 1962 through December 1965.

# West of the Continental Divide

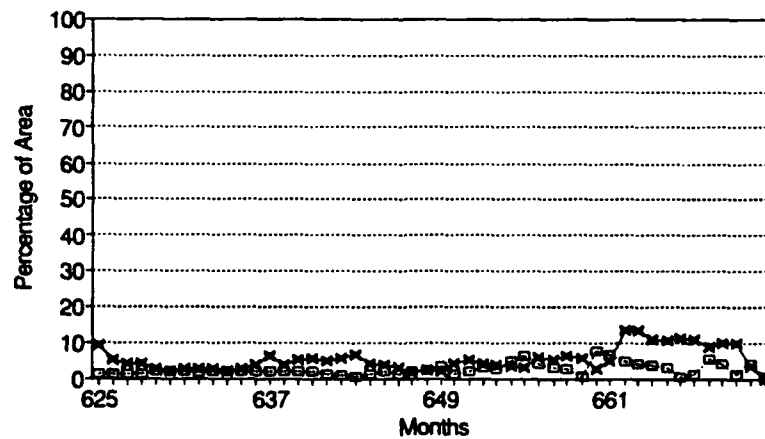
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

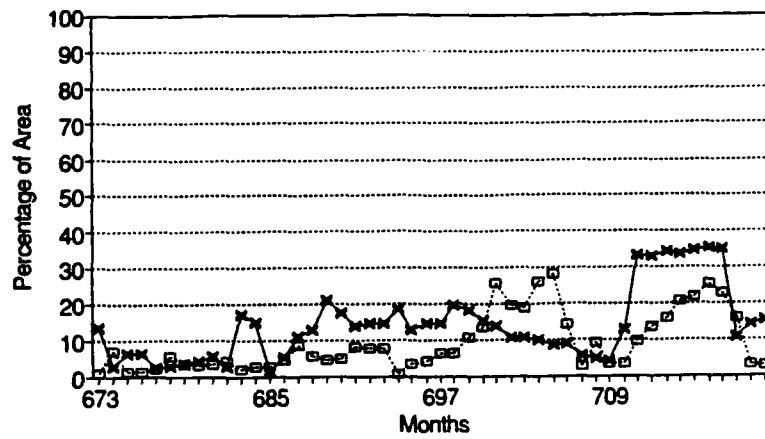


—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

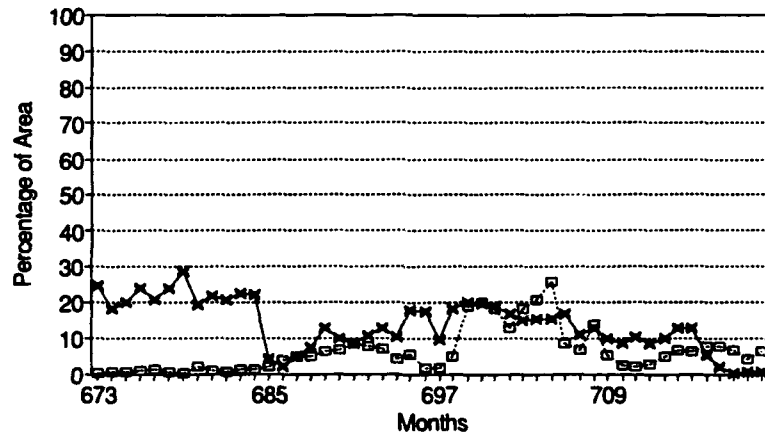
Figure 3n. Same as Fig. 3a except for January 1966 through December 1969.

# West of the Continental Divide

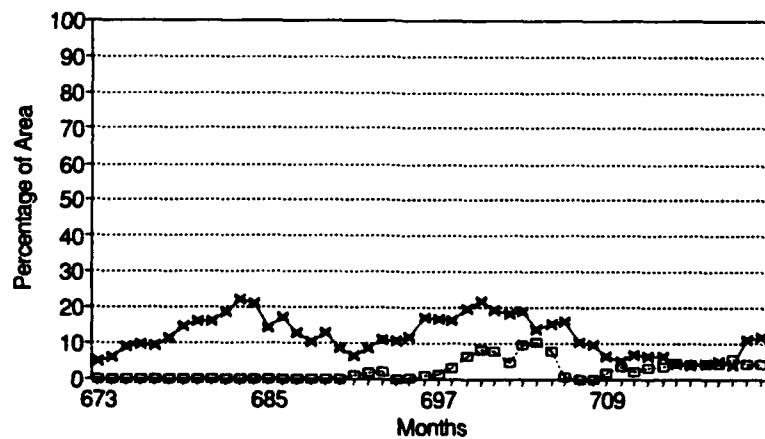
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

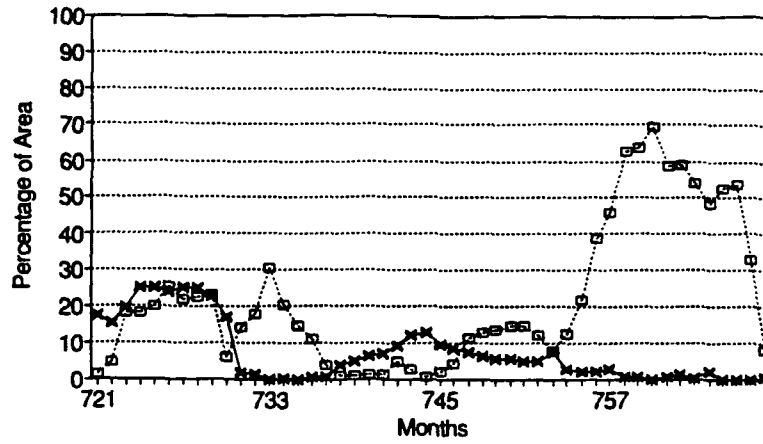


—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

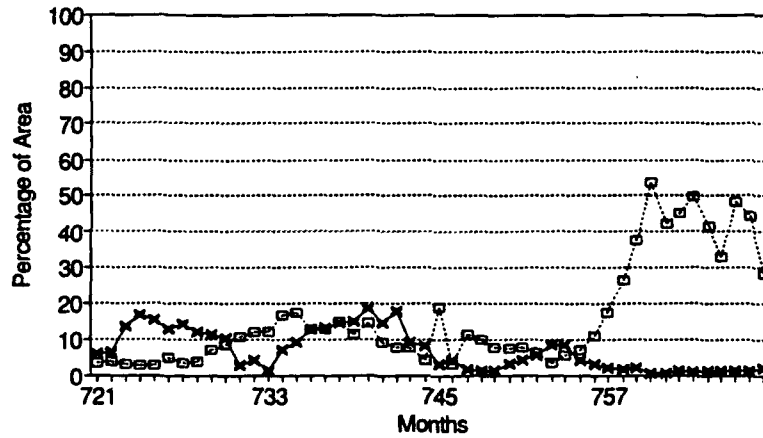
Figure 3o. Same as Fig. 3a except for January 1970 through December 1973.

# West of the Continental Divide

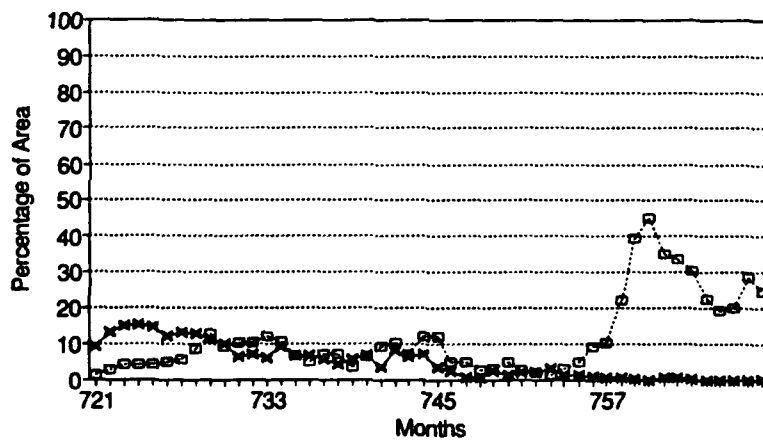
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

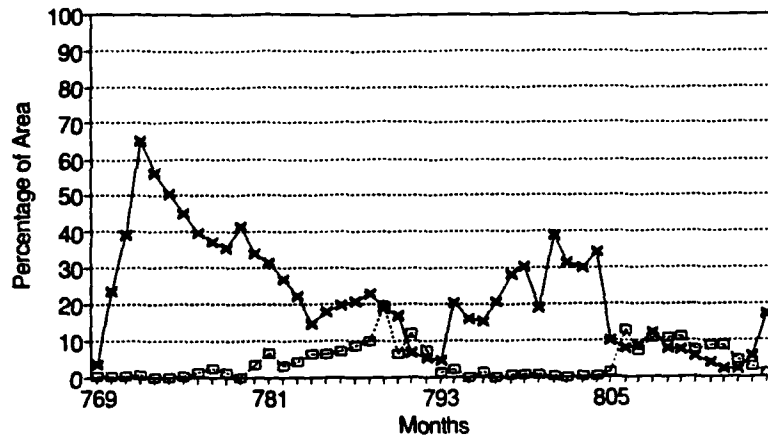


—x— SPI  $\geq 1.0$     -□- SPI  $< -1.0$

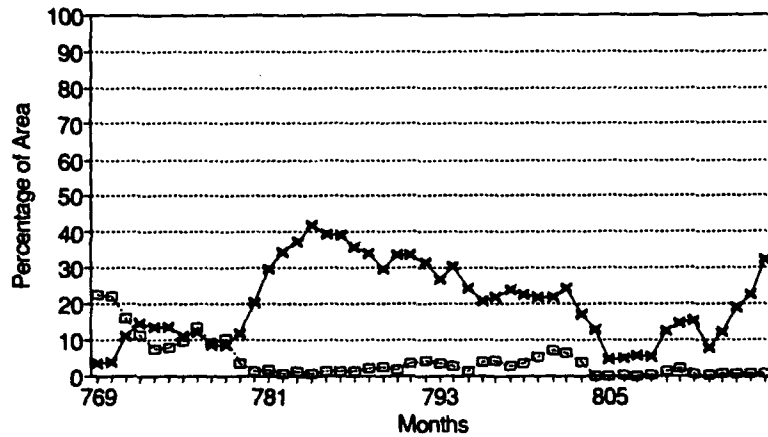
Figure 3p. Same as Fig. 3a except for January 1974 through December 1977.

# West of the Continental Divide

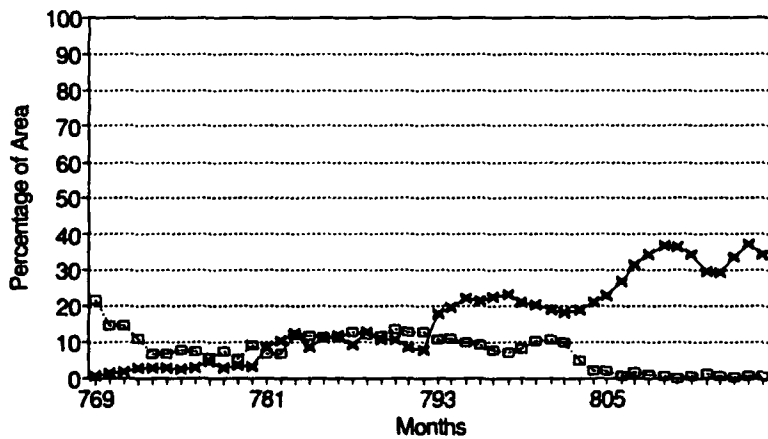
## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale



—x— SPI  $\geq 1.0$     - - - □ - - - SPI  $< -1.0$

Figure 3q. Same as Fig. 3a except for January 1978 through December 1981.

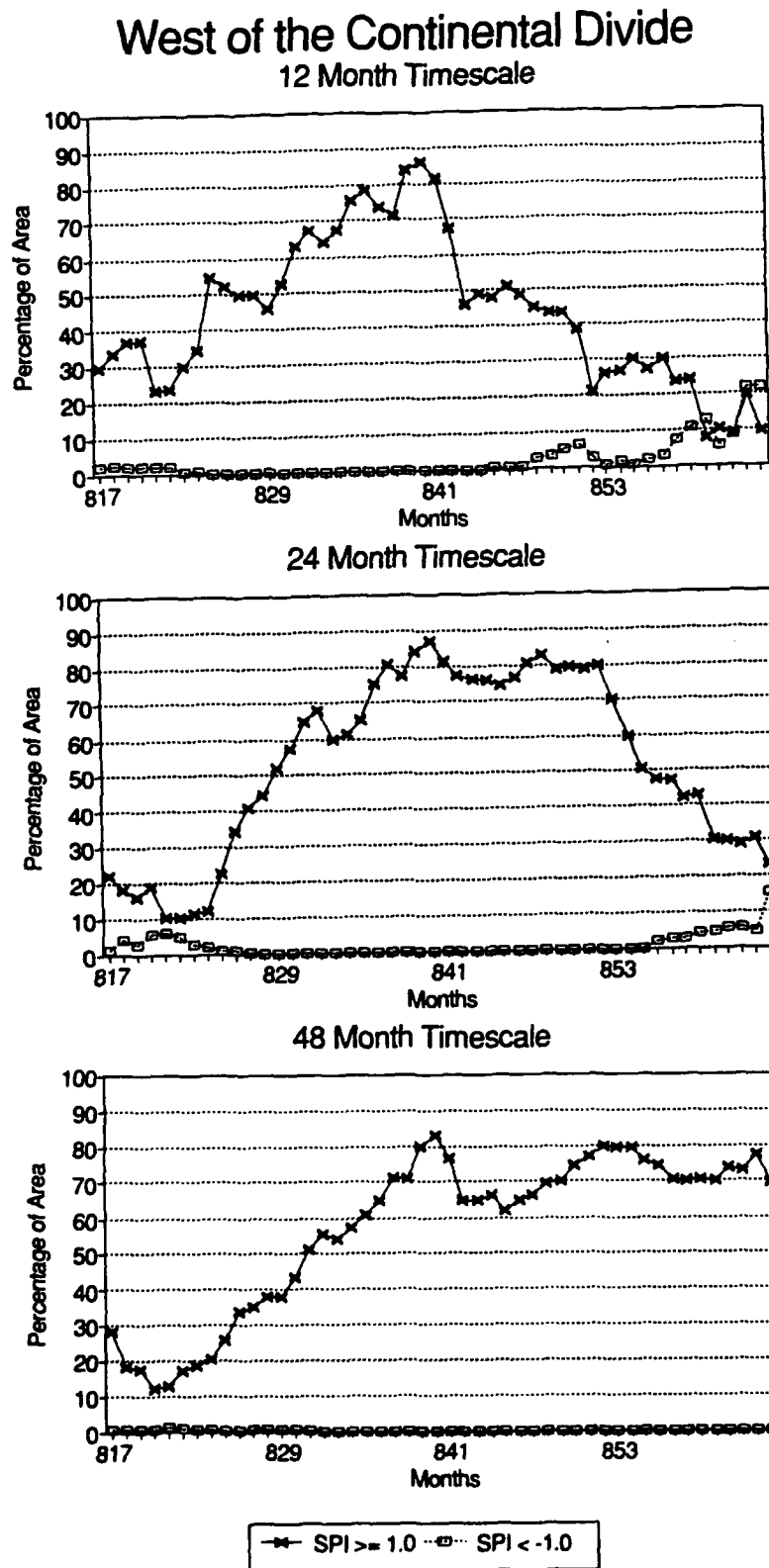
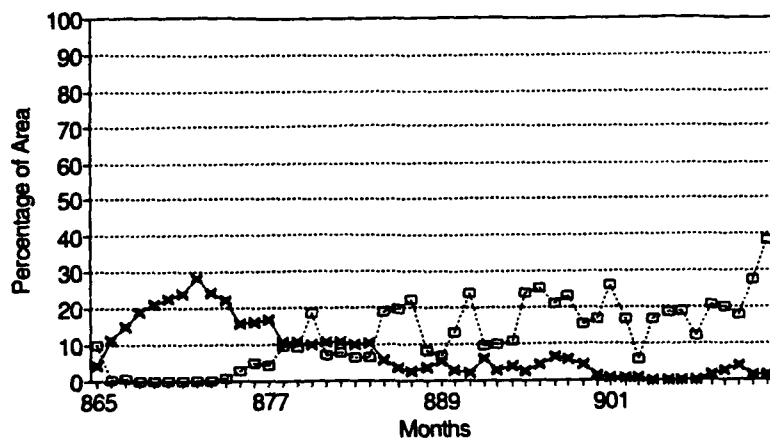


Figure 3r. Same as Fig. 3a except for January 1982 through December 1985.

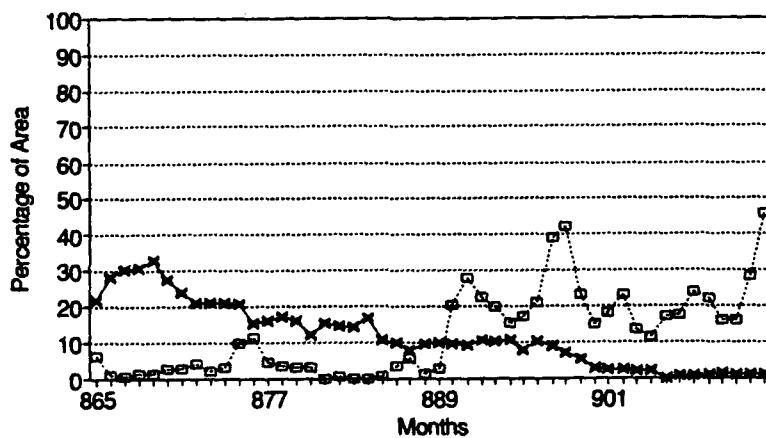


# West of the Continental Divide

## 12 Month Timescale



## 24 Month Timescale



## 48 Month Timescale

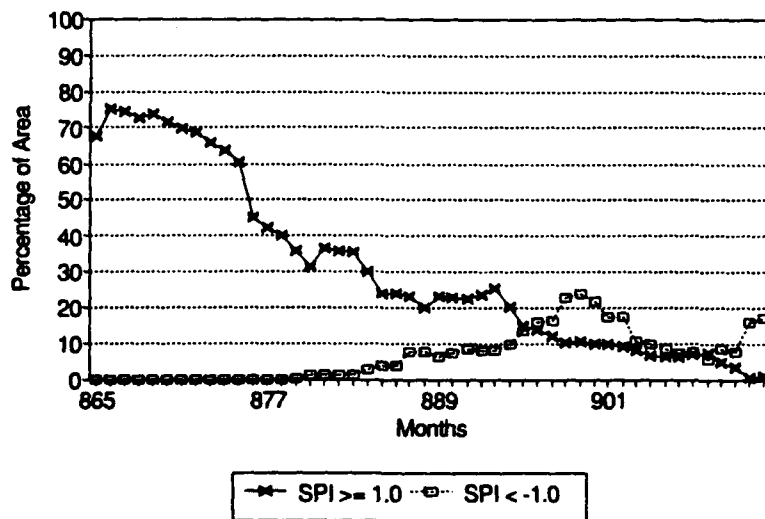


Figure 3s. Same as Fig. 3a except for January 1986 through December 1989.

- 2) The peak areal coverage must be greater than 39% inclusive within the begin and end period timeframe.
- 3) All months within the inclusive beginning and end dates must be greater than or equal to 25% areal coverage. The end date is the last 30% or higher value previous to the month with the less than 25% areal coverage.
- 4) Duration of the drought event must be greater than or equal to four months.

Applying conditions one through four produces these drought events for each of the timescales:

- A) 12 Month Timescale:
  - 1) June 1924 - March 1925
  - 2) November 1928 - January 1930
  - 3) August 1931 - November 1931
  - 4) January 1934 - November 1934
  - 5) July 1939 - January 1940
  - 6) December 1942 - May 1943
  - 7) December 1943 - July 1945
  - 8) November 1956 - February 1957
  - 9) April 1959 - February 1960
  - 10) January 1961 - July 1961
  - 11) August 1966 - November 1966
  - 12) December 1976 - November 1977

B) 24 Month Timescale:

- 1) September 1929 - October 1931
- 2) January 1934 - January 1936
- 3) May 1954 - June 1955
- 4) April 1960 - October 1961
- 5) March 1977 - Nov 1977

C) 48 Month Timescale:

- 1) December 1930 - March 1935
- 2) September 1935 - May 1937
- 3) March 1956 - April 1957
- 4) April 1962 - March 1963
- 5) March 1977 - July 1977

As is obvious from the timescale dates listed, there is not a perfect match to drought timing. Researchers have theorized that a lag is present in the precipitation effects other water resources. Changnon (1987) presented a hypothetical hydrologic cycle (see Figure 4), the lag that affects hydrologic systems such as groundwater and streamflow is an expected feature when considering how precipitation affects systems with its basic flow pattern. Also, the way the SPI is developed with timescales representing other water sources, there is an inherent lag expected. This is visible when the original time series plots of the SPI are viewed (Figure 1). The fluctuations of the SPI curves decrease as the timescales increase. Thus, it can be expected that the response to precipitation events will lag as the timescales increase.

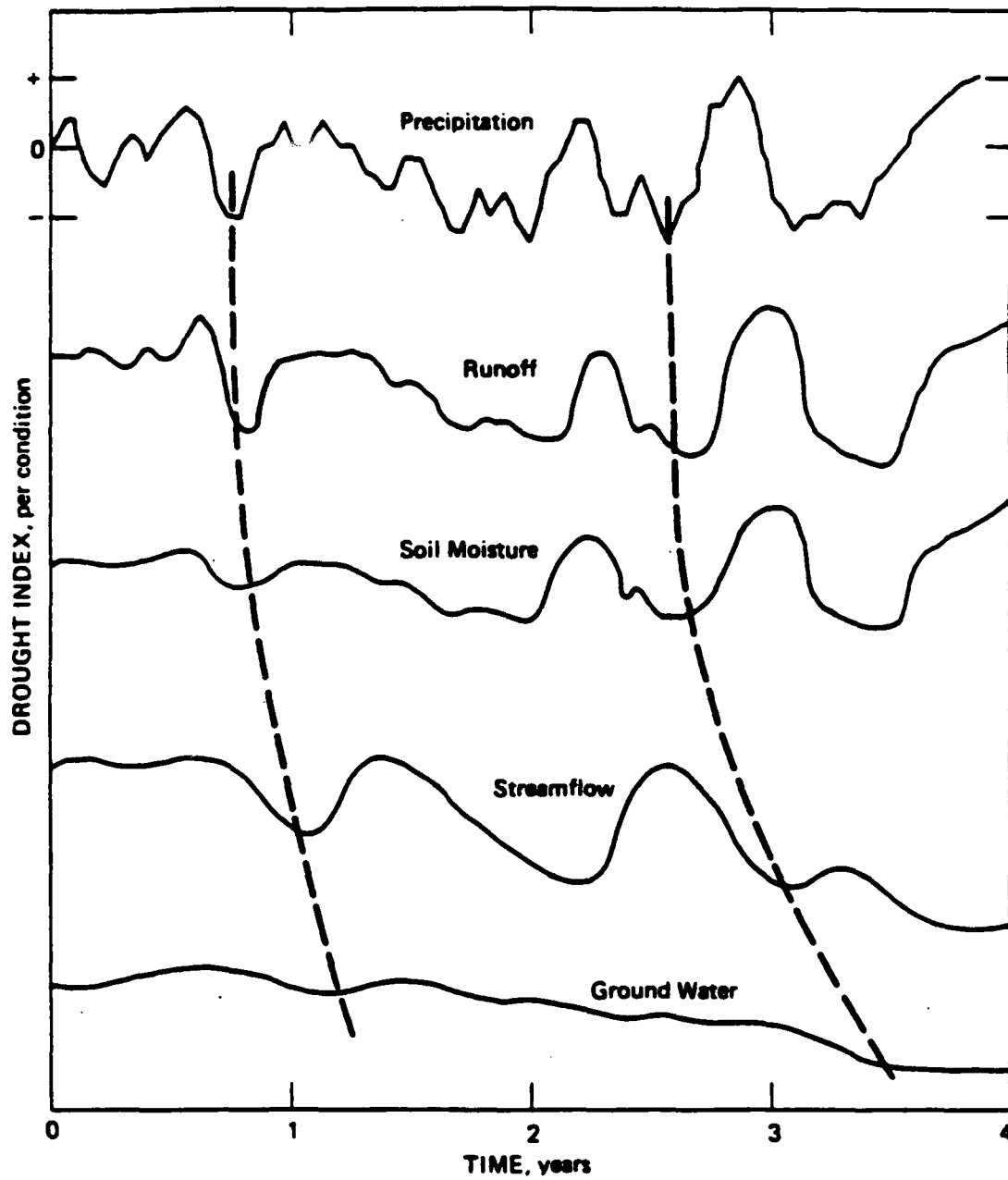


Figure 4. A schematic showing how precipitation deficiencies during a hypothetical 4-year period are translated in delayed fashion, over time, through other components of the hydrologic cycle (from Changnon, 1987).

Now that the drought events have been categorized, the possibility of defining a drought period is possible. This task is a little more difficult considering the discrepancies of drought events between the timescales. The purpose of defining a drought period is to view common drought event timeframes at the three timescales of interest in the study. In other words, for a comparison to be performed, it is necessary to define a drought period in which significant events at each timescale occur within that period. The guidelines developed to obtain the drought periods are subjective but allow flexibility. The guidelines that were used are listed below:

- 1) The drought period defined must contain all drought events within a one calendar year window from the beginning and ending month.
- 2) Each timescale must have at least one event present in the defined drought period.

Using the above criteria arrives at drought periods from:

- 1) November 1928 - May 1937
- 2) May 1954 - April 1957
- 3) April 1959 - March 1963
- 4) December 1976 - November 1977

#### **4.3. Areal Extent of Drought**

Besides being able to define quantitatively the drought periods that have occurred over the last 76 years in the western United States, the SPI can be used to further quantify characteristics of drought episodes. This can be easily achieved by examining tables B.1-B.3 again. The maximum areal extent of individual drought

episodes can be easily ascertained from the tables as well as the "worst" drought as defined by areal extent over the entire record for each timescale can be determined.

Each episode that falls within the drought periods are covered in the chart below:

Timescale	Event	Max Areal Extent < -1.0 and When	
12 Month	Nov 1928 - Jan 1930	52.21%	Nov 1929
	Aug 1931 - Nov 1931	55.13%	Oct 1931
	Jan 1934 - Nov 1934	54.33%	May 1934
	Nov 1956 - Feb 1957	48.69%	Jan 1957
	Apr 1959 - Feb 1960	41.65%	Jul 1959
	Jan 1961 - Jul 1961	45.57%	Feb 1961
	Dec 1976 - Nov 1977	69.62%	Apr 1977
24 Month	Sep 1929 - Oct 1931	68.61%	Dec 1929
	Jan 1934 - Jan 1936	58.65%	Jul 1934
	May 1954 - Jun 1955	39.44%	Dec 1954
	Apr 1960 - Oct 1961	50.30%	Sep 1960
	Mar 1977 - Nov 1977	53.62%	Apr 1977
48 Month	Dec 1930 - Mar 1935	54.53%	Oct 1931
	Sep 1935 - May 1937	45.17%	Dec 1935
	Mar 1956 - Apr 1957	48.09%	Dec 1956
	Apr 1962 - Mar 1963	43.46%	Sep 1962
	Mar 1977 - Jul 1977	44.87%	Apr 1977

As is obvious from the review of drought episodes, the most active period for droughts has been the 1928-1937. Most of the 1930's fluctuated in and out of

drought at the 12 month timescale. The other two timescales showed some fluctuation with the 24 month timescale showing a big break in terms of area covered by less than -1.0 SPI values from late 1931 till 1934. The 48 month had only a short respite from the areal coverage and was mostly dry for the entire period.

There is no pattern to when the peak areal extent occurs. Each timescale had maximum peak areal coverage in different months. The 12 month timescale had its max areal coverage in 1977 while the 24 month timescale had its max in 1929 when there was not even an event at the 48 month timescale that met the drought episode definitional criteria.

The drought period of the 1970's is interesting in that the reverse of the 1930's has occurred in some sense. The shorter timescale had a longer duration drought episode than the 24 month timescale which in turn was of longer duration than the 48 month timescale according to the drought episode criteria. The fact that a rapid recovery in the winter of 1977-1978 at the 12 month timescale indicates that the precipitation pattern changed significantly enough to forestall the further spread of drought at the longer timescales. Unlike the 1930's where the fluctuations at the 12 month timescale aided in extending the drought episodes at the longer timescales, the 1977 drought episode was a singular event and thus its appearance at the longer timescales was mitigated since the SPI views 24 and 48 months of precipitation at those respective timescales.

#### 4.4. Location and Intensity

Areal coverage is just one aspect of droughts that can be obtained from the SPI. In order to effectively determine the intensity and location of drought events, the development of a mapping routine was necessary. A criteria of this mapping technique was that it had to be simple to execute. As it turns out, the mapping routine is very easy to implement.

Another outstanding attribute of the Gempak system is its ability to take objective analysis grids that are developed and contour them using the subroutine GDCNTR (which stands for grid contour). This produces contoured maps of the grids that in this case were the full grids described in the gridding section. Also, Gempak has the capability to display the station values on each map. Therefore, even though the data is fit to an objective analysis grid, the individual station can be viewed at the same time. This serves two purposes:

- 1) The individual data points can be reviewed for determination of the maximum intensity.
- 2) The integrity of the automatic contouring routine can be ascertained.

As an example of what can be done with the maps, an examination of the months of peak areal coverage for each drought episode are presented in the chart below. The specific items that will be reviewed are the location and intensity of the "worst" drought center west of the divide. The figures that will be examined are C.1 through C.17 located in Appendix C. Note, each figure contains four maps, the review will consider the appropriate map corresponding to the month of peak areal



coverage in each episode. Also, the maps without a timescale indicator are the 12 month timescales. The other timescales are annotated in the title of the maps.

Timescale	Month & Year	Location	Approximate
			Peak Intensity
12 Month	Nov 1929	nw Washington	-3.5
	Oct 1931	Central Utah	-2.0
	May 1934	Central Utah	-3.3
	Jan 1957	Four Corners	-2.5
	Jul 1959	se Utah	-3.3
	Feb 1961	Idaho	-2.0
	Apr 1977	Central UT, s ID, nw OR	-3.0
24 Month	Dec 1929	w AZ through w NV	-2.5
	Jul 1934	s Idaho	-3.0
	Dec 1954	Nevada	-2.5
	Sep 1960	Central Nevada	-3.0
	Apr 1977	Northern California	-3.0
48 Month	Oct 1931	Washington	-2.9
	Dec 1935	Border of ID, UT, and WY	-2.6
	Dec 1956	Border of AZ and CA	-3.4
	Sep 1962	s CA into e NV	-2.3
	Apr 1977	Arizona	-2.0

The above chart is just an example of what detail can be obtained from using maps generated from the SPI. With the mapping routine, entire case studies of

droughts can be performed. The researcher will not only have the ability to discern what drought periods existed but also he/she will have the ability to view the evolution and demise of dry periods. Also, the real underlying benefit of the SPI is that now a drought monitoring scheme has the potential for easy implementation on a global scale. The mapping of the SPI has the potential of producing real time drought maps. The process is so easy that it can be done with limited man hours and can be readily available for dissemination within hours of receipt of the data.

#### **4.5. Wet Episodes**

Another important attribute of the SPI is its ability to monitor both extremes of the precipitation spectrum. Upon application of the same criteria that was implemented to define drought episodes, the wet episodes can be defined as well. Using figures 3, the following episodes are deduced:

A) 12 Month Timescale:

- 1) January 1916 - April 1916
- 2) March 1938 - November 1938
- 3) December 1940 - May 1942
- 4) March 1952 - July 1952
- 5) January 1956 - October 1956
- 6) February 1958 - September 1958
- 7) June 1969 - July 1969
- 8) March 1978 - January 1979
- 9) September 1980 - December 1980

10) July 1982 - November 1984

B) 24 Month Timescale:

1) April 1915 - October 1917

2) May 1941 - March 1943

3) February 1979 - February 1980

4) October 1982 - November 1985

C) 48 Month Timescale:

1) December 1916 - October 1917

2) August 1941 - February 1942

3) January 1943 - December 1943

4) October 1982 - August 1987

Now that the wet episodes have been defined, the wet periods can be determined using the same criteria that were used to define drought periods. Using the same flexibility that was built into the drought period definitions, the following is a list of wet periods:

1) April 1915 - October 1917

2) December 1940 - December 1943

3) March 1978 - August 1987

As it fairly evident, the same determination criteria of the characteristics of drought periods can be applied just as easily to wet periods. The applications determining of areal coverage are easily applied to wet periods. Also, the mapping technique can be used in the same way as it was for drought periods. Researchers

can determine the location and intensity of wet events and study the evolution and decay of those events easily with the mapping routine.

## 5.0 CONCLUSIONS

With the development of the Standardized Precipitation Index (SPI), an alternative method for monitoring drought events can be used in conjunction or in place of the Palmer Drought Index (PDI). The SPI eliminates the necessity to use complicated equations and assumptions. It can be implemented fairly easily at point sites without the need for extensive use of man hours for operation. The SPI has the capability of being used in a central location for the development of real time monitoring of schemes. Some of the important conclusions that can be drawn from this paper, besides the SPI being a viable alternative to the PDI, are:

- 1) The SPI allows a quantitative determination of drought periods through whatever length of record that interests a researcher.
- 2) The SPI is capable of monitoring wet events as well as dry with the same asset of being able to quantify the event.
- 3) The location and intensity of dry and wet events can be easily ascertained using a simple mapping routine.
- 4) The SPI does not have the same seasonal precipitation problems as the Precipitation Anomaly Classification method and with the use of the Gamma function, it is not limited to using long-term station sites like Changnon's Precipitation Drought method.

The SPI opens the door to other research possibilities. Based on its simple design, the SPI can be readily implemented into other projects. A couple of these possibilities were alluded too in the paper. These following ideas are not conclusions of the work presented here, but rather are a natural extension of the SPI based on the traits presented earlier.

### **5.1. Future Research**

- 1) With its ties to probability, the SPI can be used to forecast what precipitation amount would be necessary to raise the SPI value above a threshold value. This can be accomplished for each timescale of interest and offers the capability to predict the percentage chance of reaching that amount or threshold in a given month.
- 2) Perform a full comparison to the PDI to further illustrate the capabilities of the simpler SPI.
- 3) Implement a real time drought monitoring scheme which can be done either globally or for selected regions with same day dissemination of the results.

## 6.0 REFERENCES

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**APPENDIX A.****List of Precipitation Stations**

<u>Column</u>	<u>Description</u>
A.	Country Code (first 3 digits)
B.	Seven Digit Station Identification Number (with the first five being the stations's WMO number).
C.	Station Name.
D.	Latitude (negative values correspond to the Southern Hemisphere).
E.	Longitude (negative values correspond to the Western Hemisphere).
F.	Station Elevation.
G.	Record's Beginning Year.
H.	Record's Ending Year.
I.	Percent Missing Monthly Data in the Record.
J.	Time Series Discontinuity Code.



A.	B.	C.	D.	E.	F.	G.	H.	I.	J.
4047226202	ROSWELL		33.30	-104.50	1112	1878	1989	0.0	0
4047226702	PORTALES		34.20	-103.40	1222	1909	1989	0.2	0
4047226703	MELROSE		34.40	-103.60	1402	1908	1989	0.0	0
4047227000	EL PASO/INT., TX.		31.80	-106.40	1206	1878	1990	0.1	0
4047227003	ELEPHANT BUTTE		33.10	-107.20	1395	1907	1989	0.3	0
4047227005	ALAMOGORDO		32.90	-106.00	1326	1901	1989	0.3	0
4047227009	FORT BAYARD		32.80	-108.10	1872	1867	1989	0.0	0
4047227012	HACHITA		31.90	-108.30	1370	1909	1989	0.0	0
4047227400	TUCSON/INT., AZ.		32.12	-110.93	802	1867	1989	0.3	0
4047227406	BOWIE		32.30	-109.50	1145	1867	1989	1.0	0
4047227408	ORACLE		32.60	-110.70	1356	1893	1989	0.0	0
4047227409	LORDSBURG		32.30	-108.70	1295	1881	1989	0.1	0
4047227410	RED ROCK		32.70	-108.70	1265	1905	1989	0.0	0
4047227803	BUCKEYE		33.40	-112.60	270	1889	1989	0.0	0
4047227806	ROOSEVELT		33.70	-111.10	672	1905	1989	0.0	0
4047227813	WALNUT GROVE		34.30	-112.50	1147	1896	1989	0.0	0
4047227814	GILA BEND		33.00	-112.70	224	1889	1989	0.1	0
4047228000	YUMA/YUMA INT., AZ.		32.65	-114.60	65	1870	1990	0.1	0
4047228001	BLYTHE		33.60	-114.60	81	1909	1989	0.2	0
4047228003	BRAWLEY		33.00	-115.50	36	1909	1989	0.1	0
4047229000	SAN DIEGO/LINDBERGH, CA.		32.73	-117.17	5	1850	1990	0.1	0
4047229003	CUYAMACA		33.00	-116.60	1423	1887	1989	0.5	0
4047229007	CAMPO		32.60	-116.50	803	1900	1989	0.1	0
4047229509	SAN BERNARDINO		34.10	-117.30	357	1870	1989	0.5	0
4047229510	REDLANDS		34.10	-117.20	412	1889	1989	0.2	0
4047229511	OJAI		34.50	-119.30	228	1905	1989	0.4	0
4047229513	FAIRMONT		34.70	-118.40	925	1909	1989	0.2	0
4047229518	TUSTIN		33.70	-117.80	35	1877	1989	0.1	0
4047236300	AMARILLO/INTL., TX.		35.23	-101.70	1099	1892	1990	0.2	0
4047236303	SAN JON		35.10	-103.30	1289	1907	1989	0.0	0
4047236304	GOODWELL		36.60	-101.70	1005	1910	1989	0.1	0
4047236306	PASAMONTE		36.30	-103.70	1722	1910	1989	0.0	0
4047236307	ROY		36.00	-104.20	1795	1909	1989	0.2	0
4047236309	TUCUMCARI 4 NE		35.20	-103.70	-999	1905	1989	0.2	0
4047236503	BLOOMFIELD		36.70	-108.00	1757	1904	1989	0.0	0
4047236507	SANTA ROSA		35.00	-104.70	1408	1908	1989	0.1	0
4047236512	JEMEZ SPRINGS		35.80	-106.70	1905	1910	1989	0.2	0
4047236513	LAS VEGAS		35.60	-105.20	1972	1887	1989	0.0	0
4047236518	MOUNTAIN AIR		34.50	-106.30	1987	1902	1989	0.4	0
4047237402	LUNA R S		33.80	-108.90	2149	1900	1989	0.0	0
4047237406	PAYSON R. S.		34.20	-111.30	1478	1909	1989	0.0	0
4047237412	SNOWFLAKE		34.50	-110.10	1720	1910	1989	0.0	0
4047237415	JEROME		34.80	-112.10	1599	1897	1989	0.3	0
4047238402	PORTERVILLE		36.10	-119.00	119	1889	1989	0.0	0
4047238406	WASCO		35.60	-119.30	101	1899	1989	0.6	0
4047238900	FRESNO/AIR TERM., CA.		36.77	-119.72	101	1877	1990	0.6	0
4047238904	VISALIA		36.30	-119.30	99	1878	1989	0.1	0
4047238905	LEMON COVE		36.40	-119.00	156	1899	1989	0.0	0
4047238906	FRIANT		37.00	-119.70	93	1897	1989	0.0	0
4047238907	MADERA		37.00	-120.00	82	1900	1989	0.2	0
4047238908	NORTH FORK		37.20	-119.50	823	1904	1989	0.0	0
4047245106	HEALY		38.60	-100.60	2850	1901	1989	0.4	0
4047246403	RED RIVER		36.70	-105.40	2645	1906	1989	0.0	0
4047246404	SPRINGER		36.40	-104.60	1785	1887	1989	0.0	0
4047246506	SAINT FRANCIS		39.80	-101.80	1006	1908	1989	0.4	0
4047247605	HANKSVILLE		38.40	-110.70	1313	1910	1989	0.2	0
4047247610	MONTROSE NO. 2		38.50	-107.90	1777	1885	1989	0.0	0
4047248105	LOS BANOS		37.10	-120.80	35	1873	1989	0.0	0
4047248109	SONORA		38.00	-120.40	533	1888	1989	0.3	0
4047248603	MC GILL		39.40	-114.80	1932	1888	1989	0.1	0
4047248604	WELLS		41.10	-115.00	1722	1870	1989	0.1	0
4047248607	KANOSH		38.80	-112.40	1528	1907	1989	0.6	0
4047248802	MINA		38.40	-118.10	1387	1896	1989	0.1	0
4047248803	COLFAX		39.10	-121.00	737	1870	1989	0.0	0
4047248805	YERINGTON		39.00	-119.20	1333	1902	1989	0.1	0
4047248807	NEVADA CITY		39.30	-121.00	783	1864	1989	0.0	0
4047248809	COLGATE		39.30	-121.20	174	1907	1989	0.3	0
4047248812	SIERRAVILLE		39.60	-120.40	1516	1910	1989	0.0	0

4047249202	PLACERVILLE	38.70	-120.80	576	1874	1989	0.1	0
4047249400	SAN FRANCISCO/INT., CA.	37.62	-122.38	6	1850	1990	0.1	0
4047249404	SAN JOSE	37.40	-121.90	20	1874	1989	0.1	0
4047249407	LIVERMORE	37.70	-121.80	149	1871	1989	0.1	0
4047249409	LOS GATOS	37.20	-122.00	111	1885	1989	0.0	0
4047249410	KENTFIELD	38.00	-122.50	19	1888	1989	0.0	0
4047249411	SALINAS	36.70	-121.70	17	1873	1989	0.0	0
4047249412	WATSONVILLE	36.90	-121.80	28	1899	1989	0.1	0
4047256200	NORTH PLATTE/LEE BIRD,	41.13	-100.68	847	1875	1990	0.1	0
4047256205	HALSEY 2 W	41.90	-100.30	826	1903	1989	0.4	0
4047256400	CHEYENNE, WY.	41.15	-104.82	1876	1871	1990	0.1	0
4047256405	CHUGWATER	41.80	-104.80	1610	1900	1989	1.0	0
4047256410	BRIDGEPORT	41.70	-103.10	1116	1897	1989	0.5	0
4047257200	SALT LAKE CITY/INTNLUT.	40.78	-111.97	1288	1875	1990	0.1	0
4047257203	FILLMORE	39.00	-112.30	1573	1892	1989	0.0	0
4047257206	LAKETOWN	41.80	-111.30	1825	1900	1989	0.1	0
4047257207	MANTI	39.30	-111.60	1749	1894	1989	0.0	0
4047257209	SCIPIO	39.30	-112.10	1617	1894	1989	0.7	0
4047257210	OAK CITY	39.40	-112.30	1547	1905	1989	0.0	0
4047257211	LEVAN	39.50	-111.90	1615	1889	1989	0.3	0
4047257213	SPANISH FORK	40.10	-111.60	1439	1909	1989	0.7	0
4047257215	HEBER	40.50	-111.40	1701	1893	1989	0.0	0
4047257216	MORGAN	41.00	-111.70	1545	1903	1989	0.0	0
4047257218	TOOELE	40.50	-112.30	1469	1896	1989	0.4	0
4047257222	ELBERTA	40.00	-112.00	1429	1902	1989	0.0	0
4047257225	UTAH LAKE LEHI	40.40	-111.90	1371	1904	1989	0.9	0
4047257226	ALPINE	40.50	-111.80	1504	1910	1989	0.0	0
4047257600	LANDER/HUNT, WY.	42.82	-108.73	1703	1892	1990	0.2	0
4047257801	BORDER	42.30	-111.00	1865	1902	1989	0.4	0
4047257804	HOLLISTER	42.40	-114.60	1379	1908	1989	0.8	0
4047257808	IDAHO FALLS	43.50	-112.10	1442	1904	1989	1.0	0
4047258300	WINNEMUCCA/MUN., NV.	40.90	-117.80	1315	1870	1990	0.3	0
4047258301	AUSTIN	39.50	-117.10	2013	1888	1989	0.5	0
4047258306	ELKO	40.80	-115.80	1547	1870	1989	0.0	0
4047259100	RED BLUFF/MUN., CA.	40.15	-122.25	108	1878	1990	0.3	0
4047259101	CHICO EXP. STA.	39.70	-121.80	70	1870	1989	0.8	0
4047259102	WILLOWS	39.50	-122.20	41	1878	1989	0.8	0
4047259104	ORLAND	39.80	-122.20	77	1883	1989	0.0	0
4047259105	UKIAH	39.10	-123.20	189	1877	1989	0.3	0
4047259108	DE SABLA	39.90	-121.60	823	1904	1989	0.1	0
4047259203	CEDARVILLE	41.50	-120.20	1425	1894	1989	0.4	0
4047259400	EUREKA, CA.	40.80	-124.17	13	1878	1990	0.1	0
4047259702	PROSPECT	42.70	-122.50	756	1905	1989	0.1	0
4047259706	GRANTS PASS	42.40	-123.30	282	1889	1989	0.3	0
4047265201	VALENTINE	42.87	-100.55	792	1886	1990	0.2	0
4047266200	RAPID CITY/REG., SD.	44.05	-103.07	970	1888	1990	0.2	0
4047267700	BILLINGS/LOGAN INT., MT	45.80	-108.53	1099	1905	1989	0.2	0
4047267714	RAPELJE 4 S	45.90	-109.30	4130	1908	1989	0.7	0
4047268103	MACKEY	44.10	-115.60	1213	1908	1989	0.3	0
4047268106	VALE	44.00	-117.30	682	1891	1989	0.0	0
4047268803	HERMISTON	45.80	-119.30	190	1906	1989	0.7	0
4047268805	HEPPNER	45.40	-119.50	594	1889	1989	0.4	0
4047269301	BEND	44.10	-121.30	1097	1902	1989	0.0	0
4047269302	CASCADIA	44.40	-122.50	259	1908	1989	0.1	0
4047269401	PRINEVILLE	44.40	-120.90	865	1897	1989	0.2	0
4047269403	MCMINNVILLE	45.20	-123.20	45	1888	1989	0.4	0
4047269804	DUFUR	45.50	-121.10	405	1909	1989	0.0	0
4047269806	HOOD RIVER	45.70	-121.50	152	1884	1989	0.0	0
4047276400	BISMARCK/MUN., ND.	46.77	-100.75	511	1875	1990	0.1	0
4047276700	WILLISTON/SLOULIN FIELD	48.18	-103.63	592	1894	1990	0.2	0
4047276702	GLENDIVE	47.10	-104.70	632	1889	1989	0.1	0
4047277200	HELENA/COUNTY-CITY, MT.	46.60	-112.00	1186	1880	1990	0.4	0
4047277204	NORRIS DAM	45.50	-111.60	1446	1907	1989	0.1	0
4047277302	HAUGAN	47.40	-115.40	945	1908	1989	0.5	0
4047277501	CASCADE	47.20	-111.70	1033	1904	1989	0.8	0
4047277502	LEWISTOWN	47.10	-109.50	1263	1896	1989	0.2	0
4047277507	MOCCASIN EXP STM	47.10	-110.00	4300	1909	1989	0.0	0
4047277900	KALISPELL/GLACIER PARK	48.30	-114.27	906	1896	1990	0.8	0
4047278108	WASCO	45.60	-120.70	385	1907	1989	0.8	0
4047278110	CLE ELUM	47.20	-121.00	588	1899	1989	0.2	0
4047278300	LEWISTON/LEWISTON- NEZ P	46.38	-117.02	438	1878	1989	0.0	0

4047278304	MOSCOW UNIV.	46.70	-117.00	810	1892	1989	0.0	0
4047278500	SPOKANE/INT.,WA.	47.63	-117.53	723	1878	1990	0.1	0
4047278508	PORTHILL	49.00	-116.50	548	1889	1989	0.7	0
4047279103	ABERDEEN	47.00	-123.80	3	1891	1989	0.1	0
4047279300	SEATTLE/S.-TACOMA, WA.	47.45	-122.30	130	1878	1990	0.2	0
4047279307	OLGA	48.60	-122.80	24	1890	1989	0.1	0
4047451603	SACRAMENTO	38.60	-121.40	8	1850	1989	0.0	0
4047451605	AUBURN	38.90	-121.10	414	1871	1989	0.0	0
4047451606	HEALDSBURG	38.60	-122.90	35	1876	1989	0.6	0
4047451607	NAPA STATE HOSP.	38.30	-122.30	18	1877	1989	0.0	0
4047451610	DAVIS UNITED STATES	38.50	-121.80	16	1871	1989	0.7	0
4047451612	GRATON	38.40	-122.90	57	1896	1989	0.0	0
4047451613	REPRESA	38.70	-121.20	92	1893	1989	0.1	0
	Burlington, CO	39.19	-102.16	1271	1910	1989	0.0	
	Durango, CO	37.17	-107.53	2012	1910	1989	0.0	
	Fort Collins, CO	40.35	-105.50	1524	1910	1989	0.0	
	Rocky Ford, CO	38.02	-103.42	1271	1910	1989	0.0	

**APPENDIX B.****Areal Extent of Drought for Different Threshold  
Values for 12, 24, 48 Month Timescales.**

Decoding for tables B.1 – B.3. These are 11 columns and they are read as follows:

- 1) File designator:
  - a) First two digits are timescale in months.
  - b) Second two digits are years (Note: all years are in the 20th century).
  - c) Third set of digits corresponds to the month.
- 2) Percent of area with SPI values less than -2.0.
- 3) Percent of area with SPI values less than -1.5.
- 4) Percent of area with SPI values less than -1.0.
- 5) Percent of area with SPI values less than -0.5.
- 6) Percent of area with SPI values less than 0.0.
- 7) Percent of area with SPI values less than 0.5.
- 8) Percent of area with SPI values less than 1.0.
- 9) Percent of area with SPI values less than 1.5.
- 10) Percent of area with SPI values less than 2.0.
- 11) Percent of area with SPI values greater than or equal to 2.0.

Table B.1. 12 Month Timescales

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
121401.dat	0.00	0.00	0.91	7.44	21.23	47.99	72.03	93.66	98.39	100.00
121402.dat	0.00	0.20	1.41	7.65	22.84	45.98	68.71	88.43	98.19	100.00
121403.dat	0.00	0.00	1.01	7.55	25.35	51.81	74.35	91.05	98.49	100.00
121404.dat	0.00	0.00	0.80	6.64	17.10	41.05	66.80	88.23	96.68	100.00
121405.dat	0.00	0.00	0.00	5.33	17.91	38.83	69.72	91.55	98.89	100.00
121406.dat	0.00	0.00	0.00	4.83	24.35	44.06	64.49	91.75	98.69	100.00
121407.dat	0.00	0.00	0.00	3.52	25.65	47.08	67.91	92.86	100.00	100.00
121408.dat	0.00	0.00	0.00	6.44	30.08	48.99	72.33	92.35	99.30	100.00
121409.dat	0.00	0.00	0.00	3.82	23.04	49.50	74.45	95.17	100.00	100.00
121410.dat	0.00	0.00	0.30	3.12	18.41	38.73	68.01	90.44	99.70	100.00
121411.dat	0.00	0.00	0.70	10.06	26.06	57.65	86.02	95.47	100.00	100.00
121412.dat	0.00	0.40	4.73	14.69	32.70	61.87	84.10	94.67	99.60	100.00
121501.dat	0.30	4.53	18.71	39.64	55.94	69.82	79.98	91.15	98.09	100.00
121502.dat	0.00	0.60	15.49	30.38	45.07	59.56	78.77	89.54	97.08	100.00
121503.dat	0.00	0.10	8.45	26.66	42.45	56.24	76.76	90.54	96.78	100.00
121504.dat	1.21	3.52	10.56	28.57	43.36	58.85	76.66	88.03	93.86	100.00
121505.dat	0.00	0.00	3.42	13.38	29.58	45.07	64.08	87.32	93.36	100.00
121506.dat	0.00	0.00	6.44	21.03	41.45	57.85	70.52	89.44	94.16	100.00
121507.dat	0.00	0.00	2.92	22.23	45.98	59.05	71.23	88.53	96.18	100.00
121508.dat	0.00	0.00	3.02	21.73	47.79	60.66	70.82	88.83	98.49	100.00
121509.dat	0.00	2.11	8.75	20.93	42.15	58.15	69.42	86.82	97.59	100.00
121510.dat	1.81	6.04	12.68	35.81	51.71	63.48	77.77	96.48	99.30	100.00
121511.dat	0.00	0.10	6.34	17.71	43.06	60.36	77.46	95.57	99.30	100.00
121512.dat	0.00	0.00	2.11	6.84	26.96	53.12	79.18	96.18	99.30	100.00
121601.dat	0.00	0.00	0.00	0.40	9.76	32.49	55.94	76.66	96.18	100.00
121602.dat	0.00	0.00	0.00	1.31	8.45	30.58	65.59	90.54	98.39	100.00
121603.dat	0.00	0.00	0.00	0.30	4.83	19.82	45.27	81.39	98.29	100.00
121604.dat	0.00	0.00	0.00	0.91	8.65	30.78	64.49	89.44	98.49	100.00
121605.dat	0.00	0.40	1.81	6.04	20.42	52.41	79.58	94.57	99.09	100.00
121606.dat	0.00	0.00	1.41	5.63	26.26	50.60	79.38	92.45	99.09	100.00
121607.dat	0.00	0.30	2.01	5.84	21.83	51.01	78.67	93.46	99.20	100.00
121608.dat	0.00	0.10	1.61	5.43	18.11	43.76	73.54	90.44	98.89	100.00
121609.dat	0.00	2.41	5.13	11.87	24.04	47.48	70.72	89.74	98.19	100.00
121610.dat	0.00	0.00	2.62	5.73	12.07	29.68	58.05	82.80	97.18	100.00
121611.dat	0.00	0.20	3.22	7.75	14.59	38.13	62.88	90.44	99.50	100.00
121612.dat	0.00	0.00	1.71	4.93	14.19	41.45	69.62	96.58	99.50	100.00
121701.dat	0.00	1.41	7.75	23.14	47.48	79.18	92.05	98.69	100.00	100.00
121702.dat	0.91	2.52	5.63	19.32	50.40	83.30	94.67	98.19	99.70	100.00
121703.dat	0.20	2.31	9.56	34.00	74.04	90.74	96.08	98.89	99.80	100.00
121704.dat	0.00	0.70	3.42	13.88	59.05	86.12	96.08	98.69	99.80	100.00
121705.dat	0.00	0.00	0.00	7.04	37.42	69.32	90.95	97.28	99.80	100.00
121706.dat	0.00	0.00	0.20	13.08	42.86	72.23	92.35	98.39	100.00	100.00
121707.dat	0.00	0.00	3.92	20.62	49.80	75.65	92.25	99.50	100.00	100.00
121708.dat	0.00	0.20	5.63	26.16	54.73	78.47	94.47	100.00	100.00	100.00
121709.dat	0.00	0.00	3.62	21.63	55.94	80.28	96.08	100.00	100.00	100.00
121710.dat	0.00	0.80	11.07	47.69	81.39	99.60	100.00	100.00	100.00	100.00
121711.dat	0.00	2.21	10.97	45.17	80.89	99.20	100.00	100.00	100.00	100.00
121712.dat	1.11	7.34	20.42	48.79	79.48	95.57	99.09	99.60	100.00	100.00
121801.dat	7.14	14.79	23.84	41.25	75.15	89.03	98.49	99.50	100.00	100.00
121802.dat	3.72	13.28	24.35	43.66	69.22	88.63	96.58	99.30	100.00	100.00
121803.dat	0.00	0.30	7.04	26.26	64.89	86.02	98.19	99.40	100.00	100.00
121804.dat	0.30	2.01	10.87	39.64	78.37	96.78	99.30	100.00	100.00	100.00
121805.dat	1.01	4.12	30.48	70.12	91.05	97.48	99.30	100.00	100.00	100.00
121806.dat	0.20	2.11	20.02	59.56	89.74	96.78	98.69	99.70	100.00	100.00
121807.dat	0.00	1.71	17.51	53.22	83.90	94.97	98.59	99.20	100.00	100.00
121808.dat	0.00	0.60	14.89	47.48	78.07	93.36	98.39	100.00	100.00	100.00
121809.dat	1.01	3.02	9.15	35.61	73.94	91.55	97.89	99.50	100.00	100.00
121810.dat	0.00	0.91	5.23	16.60	50.91	82.90	93.56	98.79	99.70	100.00
121811.dat	0.00	0.20	2.11	14.19	39.34	81.89	93.26	98.19	99.50	100.00
121812.dat	0.00	2.41	6.84	23.34	42.35	73.24	93.76	97.48	98.79	100.00
121901.dat	0.00	2.62	9.76	29.18	55.73	85.01	95.57	98.39	99.30	100.00
121902.dat	0.00	0.70	3.82	19.42	46.68	84.41	95.37	98.49	99.50	100.00
121903.dat	0.00	0.60	2.11	28.07	65.59	86.82	95.88	98.09	99.60	100.00
121904.dat	0.00	0.91	3.12	20.12	60.06	84.31	97.18	98.69	99.80	100.00
121905.dat	0.00	0.50	5.84	28.47	58.55	82.09	96.48	99.40	100.00	100.00

121906.dat	0.30	3.32	13.28	39.13	66.40	88.93	99.20	100.00	100.00	100.00
121907.dat	1.81	6.14	19.42	40.64	62.37	82.39	98.29	100.00	100.00	100.00
121908.dat	1.31	6.34	23.14	41.65	63.88	86.22	98.99	100.00	100.00	100.00
121909.dat	2.72	7.95	23.64	43.96	65.59	81.29	93.26	99.80	100.00	100.00
121910.dat	1.61	7.65	21.03	45.88	71.03	85.31	93.26	100.00	100.00	100.00
121911.dat	1.01	6.04	20.32	46.58	66.10	82.39	90.14	94.77	100.00	100.00
121912.dat	0.00	4.63	12.88	34.61	69.42	83.20	92.25	97.89	100.00	100.00
122001.dat	0.80	4.93	11.10	42.86	72.33	85.21	90.34	94.06	98.69	100.00
122002.dat	9.36	24.35	41.35	59.56	76.46	81.89	88.13	93.16	97.99	100.00
122003.dat	3.82	16.90	32.49	52.52	68.41	80.78	88.33	93.16	97.69	100.00
122004.dat	1.31	8.95	24.85	43.76	59.15	74.55	88.93	93.56	98.29	100.00
122005.dat	1.01	10.06	26.46	44.57	59.36	71.83	88.13	93.96	97.69	100.00
122006.dat	0.00	6.44	20.62	37.73	53.22	67.91	85.41	92.76	97.08	100.00
122007.dat	0.60	5.84	18.41	36.72	52.92	74.35	91.35	99.90	100.00	100.00
122008.dat	0.00	3.72	13.08	28.87	48.49	67.40	87.63	99.20	100.00	100.00
122009.dat	0.30	3.82	13.18	29.58	50.40	72.43	96.08	100.00	100.00	100.00
122010.dat	0.00	0.80	6.84	21.13	45.77	65.69	85.61	99.60	100.00	100.00
122011.dat	0.00	0.40	2.31	13.28	47.18	80.78	96.18	100.00	100.00	100.00
122012.dat	0.00	0.00	0.80	10.26	32.70	79.68	92.35	100.00	100.00	100.00
122101.dat	0.00	0.00	1.81	7.95	25.86	54.23	87.12	98.09	100.00	100.00
122102.dat	0.00	0.60	6.74	16.40	33.50	54.33	77.16	96.08	100.00	100.00
122103.dat	0.20	2.01	11.17	25.15	45.27	63.68	85.41	99.09	100.00	100.00
122104.dat	0.00	1.11	11.47	31.29	49.60	69.22	92.05	100.00	100.00	100.00
122105.dat	0.00	1.31	8.05	20.52	40.34	57.24	80.58	99.40	100.00	100.00
122106.dat	0.30	2.21	8.35	17.91	38.13	57.04	80.78	97.99	100.00	100.00
122107.dat	0.00	0.00	0.30	10.36	31.69	51.61	80.48	97.79	100.00	100.00
122108.dat	0.00	0.00	3.32	9.46	30.78	51.61	80.18	98.09	100.00	100.00
122109.dat	0.00	0.00	3.12	9.26	26.46	56.04	89.64	99.70	100.00	100.00
122110.dat	0.00	1.01	5.33	14.39	41.25	75.25	99.90	100.00	100.00	100.00
122111.dat	0.00	0.00	2.72	13.88	44.67	77.46	90.44	99.20	100.00	100.00
122112.dat	0.00	0.00	0.91	13.88	33.00	65.79	89.13	100.00	100.00	100.00
122201.dat	0.00	0.20	7.44	20.32	38.33	67.91	91.55	97.48	100.00	100.00
122202.dat	0.00	0.10	1.51	8.65	34.91	60.46	88.33	96.38	100.00	100.00
122203.dat	0.00	0.00	2.31	7.34	25.35	54.43	82.90	96.38	99.90	100.00
122204.dat	0.00	0.00	1.31	6.94	25.45	51.81	83.30	96.18	99.80	100.00
122205.dat	0.00	0.00	1.31	12.07	40.24	69.52	86.92	97.28	100.00	100.00
122206.dat	0.00	0.00	3.02	15.59	46.78	70.52	86.02	97.18	100.00	100.00
122207.dat	0.00	0.00	4.93	19.32	47.99	78.87	91.65	97.28	100.00	100.00
122208.dat	0.00	1.91	9.15	19.92	46.58	74.55	92.56	97.48	100.00	100.00
122209.dat	0.00	1.41	9.56	22.54	50.20	80.78	95.27	98.89	100.00	100.00
122210.dat	0.00	1.41	10.36	21.33	48.39	79.58	94.67	99.50	100.00	100.00
122211.dat	1.41	9.56	20.62	32.70	48.49	68.71	87.93	98.99	100.00	100.00
122212.dat	0.00	0.80	11.67	29.48	53.32	74.75	95.37	100.00	100.00	100.00
122301.dat	0.00	0.20	5.63	26.36	55.03	78.37	93.86	99.40	100.00	100.00
122302.dat	0.40	1.51	10.26	38.93	74.14	91.65	97.99	99.80	100.00	100.00
122303.dat	1.71	4.93	22.23	54.63	81.49	95.17	98.39	100.00	100.00	100.00
122304.dat	1.01	6.14	18.61	43.46	74.65	94.06	98.69	100.00	100.00	100.00
122305.dat	0.00	3.12	13.78	42.96	71.83	90.74	98.39	100.00	100.00	100.00
122306.dat	0.50	3.02	11.77	35.71	58.45	85.21	95.98	99.90	100.00	100.00
122307.dat	0.20	1.51	7.55	26.76	53.82	78.37	94.97	98.79	99.40	100.00
122308.dat	0.00	0.00	3.92	22.64	54.83	80.78	96.78	98.99	99.50	100.00
122309.dat	0.00	0.20	3.32	17.30	42.05	72.84	90.95	96.38	99.30	100.00
122310.dat	0.00	0.70	4.23	16.60	38.03	63.18	84.21	93.46	96.78	100.00
122311.dat	0.00	0.30	3.22	18.41	37.83	64.59	86.92	95.37	97.99	100.00
122312.dat	0.80	8.05	16.60	24.04	37.53	65.19	87.73	95.88	98.09	100.00
122401.dat	5.53	17.40	22.94	30.78	49.20	78.77	91.75	96.78	98.59	100.00
122402.dat	3.22	11.37	21.53	28.17	47.38	76.66	92.35	97.08	98.69	100.00
122403.dat	0.00	2.92	13.88	24.14	39.44	71.53	89.94	95.88	98.69	100.00
122404.dat	0.91	13.18	19.42	29.88	50.30	81.49	93.86	96.98	99.60	100.00
122405.dat	2.52	16.70	23.84	41.55	68.41	82.60	93.56	96.88	98.89	100.00
122406.dat	3.52	22.74	41.05	61.47	71.73	82.80	95.07	97.89	99.40	100.00
122407.dat	4.83	27.36	47.48	65.39	74.14	88.43	95.27	97.79	99.60	100.00
122408.dat	7.65	30.99	52.82	70.93	86.82	95.67	98.19	99.50	100.00	100.00
122409.dat	15.90	33.80	55.43	77.97	91.65	98.59	99.90	100.00	100.00	100.00
122410.dat	9.05	34.91	58.55	79.58	94.97	100.00	100.00	100.00	100.00	100.00
122411.dat	6.54	17.71	54.33	83.30	97.48	100.00	100.00	100.00	100.00	100.00
122412.dat	3.32	12.07	41.65	85.31	96.98	99.50	100.00	100.00	100.00	100.00
122501.dat	2.82	9.26	37.93	79.68	95.47	100.00	100.00	100.00	100.00	100.00
122502.dat	1.31	7.34	30.18	69.22	93.46	99.90	100.00	100.00	100.00	100.00
122503.dat	3.72	13.48	39.54	74.75	94.16	100.00	100.00	100.00	100.00	100.00
122504.dat	4.02	9.15	22.33	46.68	84.81	98.99	100.00	100.00	100.00	100.00

122505.dat	7.04	11.97	25.75	39.34	61.27	93.46	99.90	100.00	100.00	100.00
122506.dat	5.13	8.75	16.80	29.58	48.29	84.21	99.90	100.00	100.00	100.00
122507.dat	3.32	7.24	16.80	29.88	45.37	78.07	97.18	100.00	100.00	100.00
122508.dat	1.11	3.42	7.85	20.12	39.03	70.72	94.06	100.00	100.00	100.00
122509.dat	0.00	0.70	4.63	13.68	31.39	64.99	86.92	100.00	100.00	100.00
122510.dat	0.00	0.10	2.62	12.88	34.31	65.59	86.42	98.39	100.00	100.00
122511.dat	0.00	0.00	2.01	21.43	40.34	67.20	87.22	98.49	100.00	100.00
122512.dat	0.00	0.00	2.41	25.55	56.14	79.78	90.24	98.69	100.00	100.00
122601.dat	0.00	0.00	8.25	27.46	53.02	79.68	90.54	99.09	100.00	100.00
122602.dat	0.00	0.00	5.84	19.92	48.79	76.36	88.73	98.29	100.00	100.00
122603.dat	0.00	0.10	9.15	25.96	49.20	74.65	89.54	99.50	100.00	100.00
122604.dat	0.00	3.22	12.58	24.25	47.28	69.62	90.64	99.20	100.00	100.00
122605.dat	0.00	1.91	18.01	29.78	49.30	67.81	85.61	97.28	99.70	100.00
122606.dat	0.00	4.93	19.42	37.73	60.26	78.37	91.55	98.49	99.90	100.00
122607.dat	0.00	4.43	20.12	42.56	65.29	79.58	92.56	97.89	99.40	100.00
122608.dat	0.00	2.01	18.11	44.37	69.72	86.12	97.89	99.90	100.00	100.00
122609.dat	0.00	5.84	26.76	54.12	75.25	85.71	96.98	99.60	100.00	100.00
122610.dat	3.22	12.17	30.38	58.35	77.87	92.05	98.89	100.00	100.00	100.00
122611.dat	2.21	6.94	16.10	34.21	57.65	85.11	97.48	100.00	100.00	100.00
122612.dat	0.00	3.82	12.78	30.68	50.30	75.15	92.35	99.20	99.80	100.00
122701.dat	0.00	2.52	11.57	27.87	45.17	70.62	93.36	99.20	99.80	100.00
122702.dat	0.00	1.01	7.44	21.23	38.63	59.05	82.29	96.38	98.89	100.00
122703.dat	0.00	0.10	2.92	14.79	30.99	51.61	79.88	95.47	97.99	100.00
122704.dat	0.00	0.00	1.91	12.78	33.60	64.79	90.64	97.79	99.70	100.00
122705.dat	0.00	0.00	1.51	9.36	37.93	67.00	87.63	96.98	99.70	100.00
122706.dat	0.00	0.00	1.41	5.63	26.16	57.34	85.41	96.68	99.70	100.00
122707.dat	0.00	0.00	0.20	5.94	26.66	57.34	85.71	96.48	99.70	100.00
122708.dat	0.00	0.00	0.20	6.74	24.75	52.92	80.78	96.78	99.80	100.00
122709.dat	0.00	0.00	0.00	3.12	15.49	43.96	69.72	90.14	100.00	100.00
122710.dat	0.00	0.00	0.00	0.00	7.75	29.68	65.09	92.35	99.60	100.00
122711.dat	0.00	0.00	0.00	2.31	11.17	37.83	68.51	89.34	99.40	100.00
122712.dat	0.00	0.00	1.21	3.62	11.97	42.56	74.35	90.64	98.89	100.00
122801.dat	0.00	0.00	1.31	3.32	18.11	52.21	77.87	90.04	99.09	100.00
122802.dat	0.00	0.20	3.52	20.52	45.07	72.64	86.52	97.38	99.50	100.00
122803.dat	0.00	0.20	2.11	12.37	35.81	76.06	88.43	98.19	99.60	100.00
122804.dat	0.00	0.60	2.82	14.99	44.77	76.86	86.72	96.78	99.30	100.00
122805.dat	0.00	1.01	4.12	22.54	51.81	76.76	87.42	98.59	100.00	100.00
122806.dat	0.00	1.11	3.02	18.91	54.23	78.67	93.96	100.00	100.00	100.00
122807.dat	0.91	2.01	3.72	17.71	50.70	82.29	93.86	100.00	100.00	100.00
122808.dat	0.91	2.01	3.72	19.92	65.09	85.51	96.08	100.00	100.00	100.00
122809.dat	1.21	2.31	11.77	51.01	89.94	99.20	100.00	100.00	100.00	100.00
122810.dat	2.01	3.62	20.12	56.14	92.45	99.40	100.00	100.00	100.00	100.00
122811.dat	3.52	8.95	36.72	75.05	90.54	95.77	100.00	100.00	100.00	100.00
122812.dat	2.41	17.40	46.08	74.75	90.64	97.18	100.00	100.00	100.00	100.00
122901.dat	3.62	14.59	37.83	75.45	87.73	96.08	99.70	100.00	100.00	100.00
122902.dat	3.62	13.68	40.24	75.15	87.73	96.98	99.40	100.00	100.00	100.00
122903.dat	7.24	27.26	50.91	76.26	86.72	96.18	99.30	100.00	100.00	100.00
122904.dat	5.53	20.12	47.28	68.01	82.70	91.45	97.38	100.00	100.00	100.00
122905.dat	4.23	21.23	50.80	76.96	87.63	94.06	98.19	100.00	100.00	100.00
122906.dat	3.12	13.28	42.45	77.67	89.24	97.18	100.00	100.00	100.00	100.00
122907.dat	4.12	16.60	41.75	72.03	87.32	97.59	99.60	100.00	100.00	100.00
122908.dat	4.73	14.29	33.60	63.98	83.10	96.78	99.80	100.00	100.00	100.00
122909.dat	4.93	15.69	31.89	55.94	68.71	79.98	94.67	99.70	100.00	100.00
122910.dat	7.65	17.81	37.32	60.76	72.64	89.03	97.89	100.00	100.00	100.00
122911.dat	19.52	32.90	52.21	65.69	84.10	96.58	99.40	100.00	100.00	100.00
122912.dat	7.34	22.94	43.96	66.10	85.11	96.18	99.90	100.00	100.00	100.00
123001.dat	8.45	13.58	34.21	61.27	80.48	95.07	99.40	100.00	100.00	100.00
123002.dat	4.12	9.15	22.84	55.53	79.18	96.68	99.80	100.00	100.00	100.00
123003.dat	5.23	9.76	22.13	50.00	79.78	94.57	99.60	100.00	100.00	100.00
123004.dat	4.53	11.97	28.17	61.97	83.60	95.27	99.80	100.00	100.00	100.00
123005.dat	3.02	7.75	13.18	34.10	68.21	90.14	98.09	100.00	100.00	100.00
123006.dat	2.82	8.35	17.71	50.40	72.94	89.34	98.69	100.00	100.00	100.00
123007.dat	2.72	7.95	15.39	43.36	73.04	90.14	97.99	100.00	100.00	100.00
123008.dat	3.02	7.85	14.49	34.31	62.78	84.91	96.58	99.70	100.00	100.00
123009.dat	2.31	5.84	11.47	28.77	66.20	91.45	99.60	100.00	100.00	100.00
123010.dat	1.71	3.42	10.36	25.96	53.42	86.32	97.38	99.90	100.00	100.00
123011.dat	1.01	2.11	4.73	15.69	37.02	70.62	92.45	99.60	100.00	100.00
123012.dat	3.82	10.06	18.71	35.92	51.81	76.26	94.97	100.00	100.00	100.00
123101.dat	3.02	10.36	24.45	45.07	69.01	88.83	98.29	100.00	100.00	100.00
123102.dat	8.85	16.20	29.48	42.05	58.45	80.18	96.68	100.00	100.00	100.00
123103.dat	1.81	9.76	28.17	42.35	63.98	90.74	99.50	100.00	100.00	100.00

123104.dat	2.21	10.97	27.77	41.15	58.85	89.13	97.69	99.90	100.00	100.00
123105.dat	3.42	18.91	38.23	60.06	79.28	92.86	98.09	100.00	100.00	100.00
123106.dat	0.10	7.95	28.77	58.85	79.78	92.05	97.89	99.80	100.00	100.00
123107.dat	0.10	6.74	27.67	61.77	81.19	93.96	98.89	99.90	100.00	100.00
123108.dat	0.50	12.68	46.58	73.34	85.71	90.24	98.99	100.00	100.00	100.00
123109.dat	0.50	21.23	50.70	72.43	84.31	89.94	96.38	99.80	100.00	100.00
123110.dat	2.92	24.25	55.13	70.93	82.39	88.63	94.87	100.00	100.00	100.00
123111.dat	3.62	20.93	47.99	66.20	76.76	85.71	91.25	99.70	100.00	100.00
123112.dat	0.00	3.62	23.04	40.95	61.37	73.24	86.62	98.99	100.00	100.00
123201.dat	0.00	1.01	11.37	31.59	56.04	72.23	86.72	98.29	100.00	100.00
123202.dat	0.00	1.31	8.25	28.77	50.80	70.02	87.02	98.89	100.00	100.00
123203.dat	0.00	1.51	6.54	24.25	48.99	70.02	86.92	99.09	100.00	100.00
123204.dat	0.00	0.70	4.33	17.10	41.75	68.01	95.17	99.60	100.00	100.00
123205.dat	0.00	0.00	2.41	12.98	32.80	60.56	93.66	99.60	100.00	100.00
123206.dat	0.00	0.50	2.62	8.75	35.81	65.29	93.26	99.09	100.00	100.00
123207.dat	0.00	0.10	1.91	7.55	29.98	59.05	89.84	98.29	100.00	100.00
123208.dat	0.00	0.00	1.31	4.83	18.01	67.20	90.04	98.29	100.00	100.00
123209.dat	0.00	0.30	2.31	8.55	35.41	77.57	95.77	99.80	100.00	100.00
123210.dat	0.00	0.20	1.91	9.66	32.09	73.94	94.97	98.99	100.00	100.00
123211.dat	0.00	0.40	1.41	18.71	55.94	82.70	95.77	98.99	100.00	100.00
123212.dat	0.20	4.53	12.17	25.75	60.26	84.71	95.07	98.69	99.90	100.00
123301.dat	0.00	0.30	10.46	24.75	52.01	76.46	91.25	95.77	99.50	100.00
123302.dat	0.00	2.82	12.68	36.22	63.98	83.30	95.17	99.09	100.00	100.00
123303.dat	0.00	1.71	16.40	43.66	72.23	88.73	96.18	99.60	100.00	100.00
123304.dat	0.80	4.23	15.69	45.88	75.96	89.54	97.48	99.40	100.00	100.00
123305.dat	0.00	5.43	16.20	40.14	71.83	87.42	95.67	99.40	100.00	100.00
123306.dat	0.40	6.34	21.03	47.38	77.57	90.74	96.08	98.99	100.00	100.00
123307.dat	1.11	7.65	26.36	55.63	82.29	92.25	97.69	100.00	100.00	100.00
123308.dat	1.11	9.05	28.57	55.63	81.19	92.76	97.38	99.90	100.00	100.00
123309.dat	0.30	5.94	23.94	47.79	69.11	87.83	95.88	98.89	100.00	100.00
123310.dat	0.60	3.92	20.42	45.98	70.32	87.93	95.88	98.69	99.80	100.00
123311.dat	1.41	6.24	24.85	50.50	72.03	90.74	98.79	100.00	100.00	100.00
123312.dat	1.41	6.54	18.21	42.96	71.93	84.71	91.35	96.78	99.40	100.00
123401.dat	4.83	23.94	47.99	66.70	75.86	85.92	91.85	95.67	99.20	100.00
123402.dat	3.02	12.47	37.83	62.47	77.36	86.02	93.26	98.19	99.50	100.00
123403.dat	1.81	15.69	42.15	66.50	76.26	84.61	91.25	97.28	100.00	100.00
123404.dat	9.66	24.45	45.98	66.20	77.06	85.21	91.25	97.48	100.00	100.00
123405.dat	23.14	35.51	54.33	70.93	78.07	84.51	91.45	97.79	100.00	100.00
123406.dat	15.69	27.16	46.28	66.70	76.86	83.90	90.74	97.48	99.80	100.00
123407.dat	14.19	27.26	49.09	69.42	78.77	87.32	92.25	97.69	99.90	100.00
123408.dat	11.87	22.64	43.46	68.81	81.49	89.64	93.86	98.59	100.00	100.00
123409.dat	9.86	20.82	46.68	73.44	84.61	90.44	95.88	99.50	100.00	100.00
123410.dat	6.84	19.82	51.41	74.55	85.61	91.75	95.98	99.60	100.00	100.00
123411.dat	2.92	11.17	30.68	52.62	77.06	87.73	93.46	97.48	99.70	100.00
123412.dat	3.12	6.94	25.45	58.15	86.02	97.59	100.00	100.00	100.00	100.00
123501.dat	3.62	6.54	22.64	41.85	74.55	94.16	99.50	100.00	100.00	100.00
123502.dat	2.92	12.58	26.66	40.14	68.11	92.45	99.09	100.00	100.00	100.00
123503.dat	0.00	9.56	26.16	39.64	55.73	84.10	97.48	100.00	100.00	100.00
123504.dat	0.00	1.11	11.07	32.60	48.09	68.61	92.15	99.30	100.00	100.00
123505.dat	0.00	1.81	6.44	15.29	45.07	68.31	91.25	98.49	100.00	100.00
123506.dat	0.10	3.82	13.18	30.08	53.02	73.24	92.56	100.00	100.00	100.00
123507.dat	0.00	1.41	10.76	28.67	51.61	73.84	92.86	100.00	100.00	100.00
123508.dat	0.00	0.91	10.16	27.87	50.30	70.82	92.05	99.90	100.00	100.00
123509.dat	0.00	2.21	11.97	28.37	46.98	66.70	92.66	100.00	100.00	100.00
123510.dat	0.00	2.41	14.19	34.61	51.41	70.02	94.47	100.00	100.00	100.00
123511.dat	1.71	8.75	31.49	48.59	63.28	83.50	98.59	100.00	100.00	100.00
123512.dat	1.41	15.59	35.71	46.58	67.00	90.14	98.99	100.00	100.00	100.00
123601.dat	0.00	3.32	20.12	43.36	72.03	91.85	99.90	100.00	100.00	100.00
123602.dat	0.00	0.50	4.53	23.34	55.53	77.97	91.45	100.00	100.00	100.00
123603.dat	0.00	1.61	8.35	30.08	58.95	81.39	95.88	100.00	100.00	100.00
123604.dat	0.00	2.82	14.89	38.03	75.45	97.79	100.00	100.00	100.00	100.00
123605.dat	0.91	7.75	24.45	46.98	80.08	97.28	100.00	100.00	100.00	100.00
123606.dat	0.00	0.00	2.92	27.67	73.74	94.37	100.00	100.00	100.00	100.00
123607.dat	0.00	0.10	2.11	20.42	55.63	90.24	100.00	100.00	100.00	100.00
123608.dat	0.00	0.40	3.42	22.74	55.73	89.64	100.00	100.00	100.00	100.00
123609.dat	0.00	0.20	3.72	21.33	58.05	89.74	100.00	100.00	100.00	100.00
123610.dat	0.00	0.40	4.43	23.84	51.21	84.00	99.30	100.00	100.00	100.00
123611.dat	0.20	0.60	8.85	28.67	55.03	86.02	98.19	100.00	100.00	100.00
123612.dat	0.00	0.30	6.64	22.13	48.19	73.24	89.34	100.00	100.00	100.00
123701.dat	0.20	8.35	22.33	39.03	52.01	70.82	85.71	94.77	100.00	100.00
123702.dat	0.30	8.95	23.34	43.96	57.85	79.18	92.96	99.30	100.00	100.00



123703.dat	0.30	3.72	18.61	35.11	51.11	71.53	87.22	95.88	100.00	100.00
123704.dat	0.00	0.00	4.12	24.85	45.88	70.72	87.93	96.48	100.00	100.00
123705.dat	0.00	0.00	6.04	32.29	44.97	68.71	87.42	95.17	100.00	100.00
123706.dat	0.00	2.11	7.75	28.87	47.89	70.42	89.34	96.48	100.00	100.00
123707.dat	0.00	0.00	5.13	29.28	44.37	71.13	88.23	96.28	100.00	100.00
123708.dat	0.00	1.81	6.94	27.16	52.82	79.78	90.44	96.58	100.00	100.00
123709.dat	0.10	2.72	8.05	28.97	53.02	78.27	89.74	96.78	100.00	100.00
123710.dat	0.00	2.11	6.04	17.20	52.31	83.70	95.27	99.80	100.00	100.00
123711.dat	0.00	0.60	3.42	8.25	29.68	62.17	87.53	99.60	100.00	100.00
123712.dat	0.00	0.00	1.41	9.86	31.09	54.02	81.49	94.57	99.80	100.00
123801.dat	0.00	0.00	5.84	20.62	39.64	58.65	83.20	94.67	99.50	100.00
123802.dat	0.00	0.40	5.43	21.13	40.14	58.05	79.58	91.25	97.69	100.00
123803.dat	0.00	0.00	3.92	15.09	32.49	49.20	69.11	87.63	93.06	100.00
123804.dat	0.00	0.00	3.52	9.66	27.67	52.01	69.72	85.41	95.07	100.00
123805.dat	0.00	0.00	3.02	11.07	23.24	43.96	64.59	83.30	95.27	100.00
123806.dat	0.00	0.80	3.62	9.66	25.15	50.20	66.10	83.70	96.98	100.00
123807.dat	0.00	0.00	4.83	15.59	31.79	55.94	67.71	84.51	96.78	100.00
123808.dat	0.00	0.00	2.11	10.66	32.39	54.93	67.00	85.11	96.88	100.00
123809.dat	0.00	0.00	2.92	9.56	30.38	52.11	65.69	83.80	96.08	100.00
123810.dat	0.00	0.60	3.12	12.37	28.37	45.07	58.25	77.97	93.86	100.00
123811.dat	0.00	0.40	4.63	16.40	27.87	49.20	62.58	85.11	98.69	100.00
123812.dat	0.00	0.00	6.34	19.22	34.91	54.43	75.55	94.06	100.00	100.00
123901.dat	0.00	0.00	4.53	18.21	35.21	56.44	74.75	92.15	100.00	100.00
123902.dat	0.00	0.00	5.73	22.94	44.37	66.50	83.60	99.40	100.00	100.00
123903.dat	0.00	3.32	18.01	37.93	66.90	88.33	95.57	100.00	100.00	100.00
123904.dat	0.00	9.76	25.55	49.50	72.74	92.56	98.89	100.00	100.00	100.00
123905.dat	0.00	9.05	27.87	54.53	77.77	96.98	100.00	100.00	100.00	100.00
123906.dat	1.21	8.55	29.28	60.06	86.52	98.09	100.00	100.00	100.00	100.00
123907.dat	1.81	9.66	31.59	67.81	88.53	98.69	100.00	100.00	100.00	100.00
123908.dat	1.11	9.15	34.81	71.73	88.53	98.09	100.00	100.00	100.00	100.00
123909.dat	0.50	9.46	34.51	65.39	84.61	90.74	95.27	97.48	99.20	100.00
123910.dat	3.42	18.31	45.57	69.42	85.21	91.15	95.88	97.48	98.99	100.00
123911.dat	12.07	36.02	54.12	70.02	84.51	90.74	95.57	97.08	98.29	100.00
123912.dat	4.33	25.05	49.40	73.34	90.14	94.87	97.38	98.59	100.00	100.00
124001.dat	0.00	9.86	39.64	65.09	79.88	91.85	96.78	99.20	100.00	100.00
124002.dat	0.20	3.92	15.90	50.40	66.60	78.47	93.86	98.99	100.00	100.00
124003.dat	0.80	2.82	13.38	41.55	62.58	77.16	93.36	99.09	100.00	100.00
124004.dat	0.40	1.51	7.55	25.96	49.80	70.93	93.16	98.89	100.00	100.00
124005.dat	0.30	3.12	9.46	26.16	51.91	75.96	93.96	98.99	100.00	100.00
124006.dat	0.70	4.93	10.97	26.46	55.73	73.94	94.16	98.89	100.00	100.00
124007.dat	0.00	4.33	8.55	25.55	52.52	76.46	94.97	99.09	100.00	100.00
124008.dat	0.30	2.82	8.65	26.16	54.43	76.56	95.17	99.09	100.00	100.00
124009.dat	0.00	0.00	6.14	22.94	46.28	69.52	92.05	100.00	100.00	100.00
124010.dat	0.00	0.00	1.31	12.27	39.74	65.09	86.02	97.08	100.00	100.00
124011.dat	0.00	0.00	0.00	6.74	31.69	55.13	77.67	93.16	99.09	100.00
124012.dat	0.00	0.00	0.00	0.50	17.81	44.16	69.22	84.71	97.08	100.00
124101.dat	0.00	0.00	0.00	5.33	22.13	42.25	71.63	90.14	97.59	100.00
124102.dat	0.00	0.00	2.01	16.60	36.22	51.01	73.34	94.97	98.99	100.00
124103.dat	0.00	0.70	6.24	20.82	38.53	55.13	70.12	84.81	98.59	100.00
124104.dat	0.00	1.41	8.75	17.61	37.63	53.82	66.30	77.06	92.25	100.00
124105.dat	0.00	0.00	4.43	11.77	22.33	44.37	59.96	72.33	90.44	100.00
124106.dat	0.00	0.00	2.11	8.45	14.39	28.47	51.71	67.00	87.63	100.00
124107.dat	0.00	0.00	3.32	9.46	13.68	23.54	46.48	65.09	84.61	100.00
124108.dat	0.00	0.00	1.41	7.24	11.57	16.60	32.70	53.32	77.36	100.00
124109.dat	0.00	0.00	0.70	6.84	12.68	23.64	46.28	61.37	83.30	100.00
124110.dat	0.00	0.00	2.82	9.26	13.78	21.73	40.24	58.65	79.88	100.00
124111.dat	0.00	0.00	1.91	7.85	13.08	21.43	39.03	59.36	80.68	100.00
124112.dat	0.00	0.00	0.00	2.31	9.66	16.30	31.99	59.05	86.92	100.00
124201.dat	0.00	0.00	0.20	5.94	10.26	16.50	31.69	63.08	88.83	100.00
124202.dat	0.00	0.00	0.00	2.62	8.25	15.79	39.94	78.47	91.75	100.00
124203.dat	0.00	0.00	0.00	1.81	10.26	23.84	60.16	84.41	93.06	100.00
124204.dat	0.00	0.00	0.00	3.52	14.69	33.80	68.11	88.03	94.57	100.00
124205.dat	0.00	0.00	0.00	5.13	15.49	33.40	66.20	88.73	97.38	100.00
124206.dat	0.00	0.00	0.00	1.41	17.40	47.48	75.05	94.47	100.00	100.00
124207.dat	0.00	0.00	0.50	4.23	22.94	55.84	81.69	95.57	100.00	100.00
124208.dat	0.00	0.00	2.21	11.67	38.33	70.52	92.25	99.30	100.00	100.00
124209.dat	0.00	0.80	6.04	19.01	53.92	81.29	95.27	100.00	100.00	100.00
124210.dat	0.70	3.32	15.59	37.53	68.01	86.82	95.27	99.90	100.00	100.00
124211.dat	0.60	4.12	12.07	28.57	55.84	71.83	88.33	99.30	100.00	100.00
124212.dat	1.81	10.36	25.65	44.16	61.97	73.14	87.83	99.40	100.00	100.00
124301.dat	1.31	6.74	17.20	32.80	50.60	64.69	80.48	96.18	99.20	100.00

124302.dat	0.00	5.53	20.82	33.40	49.70	65.59	87.02	98.89	99.50	100.00
124303.dat	0.91	4.33	16.20	29.88	42.76	55.73	77.36	95.77	99.30	100.00
124304.dat	4.02	13.08	23.64	30.58	41.55	61.97	79.48	93.76	99.60	100.00
124305.dat	0.00	8.95	22.64	34.81	49.80	71.93	86.62	98.29	100.00	100.00
124306.dat	0.00	0.20	14.99	28.17	44.16	69.32	85.31	97.08	100.00	100.00
124307.dat	0.00	5.23	15.19	26.96	42.56	69.52	87.42	97.28	100.00	100.00
124308.dat	0.00	0.30	5.53	17.00	39.13	69.52	86.32	96.88	100.00	100.00
124309.dat	0.00	0.00	2.41	14.59	40.44	73.34	87.53	96.88	100.00	100.00
124310.dat	0.00	0.00	2.62	11.77	33.30	65.19	83.40	93.56	97.89	100.00
124311.dat	0.00	0.00	4.02	24.45	60.26	84.41	97.28	100.00	100.00	100.00
124312.dat	0.40	1.41	4.83	30.28	76.36	90.64	95.07	97.69	100.00	100.00
124401.dat	0.00	3.82	26.96	56.84	79.78	95.57	100.00	100.00	100.00	100.00
124402.dat	0.40	3.72	20.12	45.17	65.39	92.45	96.58	100.00	100.00	100.00
124403.dat	1.21	5.94	31.59	49.60	72.84	94.06	99.40	100.00	100.00	100.00
124404.dat	1.71	6.64	24.55	42.05	62.98	84.71	96.48	100.00	100.00	100.00
124405.dat	1.31	7.44	25.15	39.24	62.07	84.71	99.80	100.00	100.00	100.00
124406.dat	3.52	9.15	20.93	33.80	53.12	80.08	98.69	100.00	100.00	100.00
124407.dat	3.02	9.05	20.22	34.41	53.32	80.28	96.98	100.00	100.00	100.00
124408.dat	2.62	10.76	21.73	36.82	68.71	90.54	97.99	100.00	100.00	100.00
124409.dat	0.00	6.54	21.03	36.22	66.10	88.13	96.58	100.00	100.00	100.00
124410.dat	13.28	20.42	27.16	44.97	78.37	92.45	99.09	100.00	100.00	100.00
124411.dat	1.71	16.70	22.84	30.48	50.70	79.28	93.26	98.99	100.00	100.00
124412.dat	4.93	17.30	22.33	31.39	50.30	80.48	97.08	100.00	100.00	100.00
124501.dat	1.21	10.26	21.93	33.40	58.05	80.68	97.38	100.00	100.00	100.00
124502.dat	0.91	4.43	20.02	33.70	65.09	85.81	95.47	100.00	100.00	100.00
124503.dat	0.40	1.21	8.05	26.96	47.69	81.19	93.16	98.39	100.00	100.00
124504.dat	1.01	1.81	8.65	35.71	59.86	88.73	97.38	99.60	100.00	100.00
124505.dat	0.30	1.61	5.94	27.87	52.01	82.80	91.85	97.08	100.00	100.00
124506.dat	0.00	0.60	5.63	34.71	58.75	86.22	95.77	98.69	100.00	100.00
124507.dat	0.00	0.91	6.04	35.01	58.45	85.41	95.07	98.39	100.00	100.00
124508.dat	0.00	0.00	1.51	24.25	43.46	73.34	87.73	97.38	100.00	100.00
124509.dat	0.00	0.00	0.80	19.11	43.56	72.13	87.02	95.67	100.00	100.00
124510.dat	0.00	0.00	0.10	10.76	35.92	62.88	82.19	93.76	99.20	100.00
124511.dat	0.00	0.00	3.22	15.09	39.13	65.09	85.71	95.67	100.00	100.00
124512.dat	0.00	0.00	5.13	12.07	21.23	48.39	74.04	91.95	98.69	100.00
124601.dat	0.00	0.30	5.03	14.79	22.84	47.69	70.52	89.13	99.50	100.00
124602.dat	0.00	1.11	5.43	16.10	32.49	56.14	83.60	97.79	100.00	100.00
124603.dat	0.00	2.41	10.87	17.81	37.22	61.57	83.00	98.99	100.00	100.00
124604.dat	0.70	3.12	8.95	19.32	42.15	66.90	86.32	99.70	100.00	100.00
124605.dat	0.10	2.41	8.05	17.40	49.80	75.86	90.85	98.69	100.00	100.00
124606.dat	0.70	2.52	9.36	22.94	55.03	87.83	97.79	99.80	100.00	100.00
124607.dat	0.00	2.11	7.24	15.09	49.20	86.12	95.57	99.50	100.00	100.00
124608.dat	0.00	0.00	3.62	20.93	59.46	90.14	97.79	100.00	100.00	100.00
124609.dat	0.00	0.20	1.91	15.09	57.65	89.64	100.00	100.00	100.00	100.00
124610.dat	0.00	0.00	0.50	13.78	41.45	73.14	94.97	100.00	100.00	100.00
124611.dat	0.00	0.00	0.00	9.86	29.78	71.83	91.85	98.89	100.00	100.00
124612.dat	0.00	3.12	7.04	18.71	42.15	75.75	90.85	98.09	100.00	100.00
124701.dat	0.00	4.83	10.97	23.94	48.69	78.47	93.06	98.29	100.00	100.00
124702.dat	0.50	4.33	11.97	25.25	52.41	79.48	91.85	98.09	100.00	100.00
124703.dat	0.50	1.71	13.88	30.89	63.38	86.42	97.48	99.70	100.00	100.00
124704.dat	0.00	0.80	7.75	31.19	58.35	82.70	95.27	98.69	100.00	100.00
124705.dat	0.20	0.91	8.15	33.50	60.66	84.91	95.77	99.09	100.00	100.00
124706.dat	0.00	0.50	1.91	23.74	53.42	69.82	83.90	95.27	98.59	100.00
124707.dat	0.00	0.40	4.93	28.17	59.96	74.25	88.03	95.98	98.69	100.00
124708.dat	0.00	0.70	5.73	27.77	57.75	73.54	86.22	94.06	98.89	100.00
124709.dat	0.00	2.21	14.08	31.79	62.27	73.64	82.70	93.46	98.79	100.00
124710.dat	0.00	3.42	13.28	30.08	54.02	72.54	87.22	96.78	100.00	100.00
124711.dat	0.10	10.97	30.18	46.48	56.44	71.93	90.64	98.99	100.00	100.00
124712.dat	4.53	19.01	33.40	46.98	57.95	73.94	90.44	98.39	100.00	100.00
124801.dat	9.66	20.82	30.48	43.86	54.93	72.33	87.22	97.48	100.00	100.00
124802.dat	5.63	15.49	28.67	41.55	49.50	64.19	80.18	92.35	99.60	100.00
124803.dat	0.10	9.15	25.15	38.83	49.40	61.67	79.38	91.55	97.89	100.00
124804.dat	0.00	4.23	16.90	31.99	45.07	61.17	79.18	90.85	97.48	100.00
124805.dat	0.00	5.63	19.52	34.41	46.68	59.56	73.74	86.62	93.46	100.00
124806.dat	1.41	3.82	14.19	33.90	50.60	62.88	75.15	89.24	95.47	100.00
124807.dat	1.11	3.62	12.17	32.80	50.10	64.39	75.96	89.03	93.46	100.00
124808.dat	0.80	4.63	19.11	35.81	54.93	65.90	77.87	88.23	94.47	100.00
124809.dat	0.00	2.41	19.52	35.41	55.53	67.00	77.06	87.12	94.97	100.00
124810.dat	0.00	2.21	12.78	48.29	64.08	76.16	87.32	96.38	99.09	100.00
124811.dat	0.00	4.12	19.52	54.33	65.09	74.55	86.82	94.97	98.79	100.00
124812.dat	0.00	0.00	9.46	35.61	61.17	70.52	79.07	89.03	97.38	100.00

124901.dat	0.00	0.10	2.62	10.76	46.38	68.31	85.92	95.37	99.09	100.00
124902.dat	0.00	0.00	3.92	13.18	45.88	70.02	83.50	93.86	98.19	100.00
124903.dat	0.00	0.20	3.82	13.78	46.88	69.92	83.80	93.36	97.18	100.00
124904.dat	0.00	1.21	6.34	27.77	64.29	75.45	89.34	96.18	99.20	100.00
124905.dat	0.00	0.70	3.32	15.79	49.09	80.08	97.99	99.70	100.00	100.00
124906.dat	0.00	1.31	5.03	26.06	61.57	93.26	98.49	99.30	100.00	100.00
124907.dat	0.50	1.91	6.74	27.67	64.19	92.66	97.89	99.09	100.00	100.00
124908.dat	0.80	2.11	8.05	32.09	69.92	91.95	98.19	99.70	100.00	100.00
124909.dat	1.31	3.22	8.25	35.81	69.72	90.64	97.99	99.50	100.00	100.00
124910.dat	0.91	3.12	9.46	36.42	58.85	87.32	97.48	99.50	100.00	100.00
124911.dat	0.80	2.41	8.05	32.39	61.27	90.64	97.48	99.50	100.00	100.00
124912.dat	3.62	9.26	18.61	44.67	71.33	92.76	97.99	99.70	100.00	100.00
125001.dat	0.00	2.41	11.37	36.42	66.50	87.02	99.40	100.00	100.00	100.00
125002.dat	0.00	2.41	13.88	39.34	71.93	92.86	99.40	100.00	100.00	100.00
125003.dat	0.00	2.52	12.27	41.05	70.93	88.43	99.20	100.00	100.00	100.00
125004.dat	0.00	0.80	10.56	33.70	65.09	87.32	97.48	100.00	100.00	100.00
125005.dat	2.82	6.14	17.30	52.72	80.38	88.83	96.88	100.00	100.00	100.00
125006.dat	3.82	6.34	17.30	48.99	74.85	85.31	95.07	100.00	100.00	100.00
125007.dat	3.22	5.53	13.18	37.93	68.01	83.70	94.27	99.50	100.00	100.00
125008.dat	5.94	10.46	16.80	41.65	67.91	83.90	92.66	98.99	100.00	100.00
125009.dat	2.11	8.25	15.69	40.85	66.30	81.39	91.85	99.90	100.00	100.00
125010.dat	4.02	10.06	26.66	42.96	58.45	71.53	81.39	94.87	100.00	100.00
125011.dat	3.92	9.15	23.24	40.74	47.69	61.17	80.48	92.96	100.00	100.00
125012.dat	4.93	14.59	31.79	40.04	46.18	53.62	70.12	87.93	100.00	100.00
125101.dat	4.83	15.79	32.60	41.35	47.89	60.76	75.45	93.76	100.00	100.00
125102.dat	5.63	18.31	34.41	40.95	46.68	56.94	71.63	91.05	100.00	100.00
125103.dat	7.44	23.94	35.01	43.06	50.40	64.49	80.89	98.39	100.00	100.00
125104.dat	3.92	8.85	26.76	37.73	47.38	63.28	82.60	100.00	100.00	100.00
125105.dat	3.02	6.74	21.63	37.63	47.48	60.16	77.16	95.57	100.00	100.00
125106.dat	3.72	7.24	22.23	39.34	51.71	67.10	86.62	100.00	100.00	100.00
125107.dat	10.26	16.60	30.89	39.24	48.69	67.61	90.04	100.00	100.00	100.00
125108.dat	1.01	4.23	13.68	25.45	36.42	58.15	86.12	100.00	100.00	100.00
125109.dat	2.82	7.55	16.20	29.07	42.05	68.91	86.42	98.79	100.00	100.00
125110.dat	1.11	3.92	9.96	21.43	41.25	70.12	92.66	98.49	100.00	100.00
125111.dat	0.70	2.41	8.35	21.33	42.96	78.47	94.27	98.49	100.00	100.00
125112.dat	0.00	1.11	3.12	8.45	27.46	62.68	90.04	97.08	99.70	100.00
125201.dat	0.80	2.01	3.52	9.76	25.45	51.11	83.50	96.78	99.80	100.00
125202.dat	0.20	1.51	4.12	14.08	28.17	54.63	86.92	97.48	100.00	100.00
125203.dat	0.00	0.80	3.12	16.50	28.07	42.35	64.19	90.95	99.90	100.00
125204.dat	0.00	0.00	1.11	14.99	27.67	44.06	66.20	92.96	99.60	100.00
125205.dat	0.00	0.00	1.21	13.48	27.57	47.48	69.01	93.66	100.00	100.00
125206.dat	0.00	0.00	0.20	5.94	17.61	37.22	61.17	88.43	98.49	100.00
125207.dat	0.00	0.00	0.00	4.02	15.90	36.42	60.97	88.33	97.89	100.00
125208.dat	0.00	0.20	1.61	5.43	24.45	53.02	74.65	94.77	99.20	100.00
125209.dat	0.00	0.30	2.21	8.95	21.13	47.38	72.23	92.76	97.99	100.00
125210.dat	0.20	3.42	10.16	23.04	41.65	66.40	83.00	97.28	100.00	100.00
125211.dat	3.12	9.26	17.30	27.67	42.76	68.91	84.10	96.08	100.00	100.00
125212.dat	2.82	12.88	22.23	31.49	53.42	71.93	85.61	99.20	100.00	100.00
125301.dat	0.00	1.01	5.03	25.15	56.94	85.41	97.89	99.70	100.00	100.00
125302.dat	0.20	1.71	5.13	23.34	54.02	88.93	98.69	100.00	100.00	100.00
125303.dat	0.20	3.52	13.88	35.41	75.86	95.37	99.80	100.00	100.00	100.00
125304.dat	1.51	4.02	13.48	39.13	71.53	89.13	99.09	100.00	100.00	100.00
125305.dat	0.30	2.41	9.05	34.71	64.79	81.99	94.47	99.09	100.00	100.00
125306.dat	1.41	3.32	13.58	40.34	71.13	87.22	96.38	99.90	100.00	100.00
125307.dat	2.82	4.73	13.18	37.42	72.84	88.63	97.89	100.00	100.00	100.00
125308.dat	2.01	4.43	13.48	35.81	69.42	87.22	95.17	100.00	100.00	100.00
125309.dat	2.21	5.73	17.00	46.38	74.95	89.24	97.69	100.00	100.00	100.00
125310.dat	0.91	3.32	10.56	36.22	68.81	84.71	94.16	99.70	100.00	100.00
125311.dat	1.21	5.23	22.54	42.76	63.98	75.86	85.92	93.36	97.59	100.00
125312.dat	5.73	17.61	34.41	50.10	67.30	77.16	85.61	93.66	99.60	100.00
125401.dat	1.81	6.84	27.97	53.32	68.81	80.68	92.05	95.67	99.70	100.00
125402.dat	1.61	6.94	23.94	53.62	70.62	82.70	91.75	98.59	100.00	100.00
125403.dat	0.20	2.52	12.58	32.39	61.87	83.10	93.96	100.00	100.00	100.00
125404.dat	0.60	5.94	21.33	44.16	69.72	84.81	94.87	100.00	100.00	100.00
125405.dat	2.11	15.69	30.48	51.31	78.67	88.53	99.40	100.00	100.00	100.00
125406.dat	3.82	12.78	28.57	50.00	78.27	88.53	98.79	100.00	100.00	100.00
125407.dat	2.82	12.88	26.76	48.99	77.16	86.92	97.89	100.00	100.00	100.00
125408.dat	2.01	9.56	27.16	49.30	76.56	87.53	97.38	100.00	100.00	100.00
125409.dat	0.60	4.33	17.91	35.71	65.59	84.31	95.47	100.00	100.00	100.00
125410.dat	1.11	5.03	17.71	40.34	70.12	83.50	96.58	99.90	100.00	100.00
125411.dat	2.21	6.34	17.40	41.75	70.93	90.04	96.08	100.00	100.00	100.00

125412.dat	2.52	5.94	15.59	41.05	69.42	91.25	100.00	100.00	100.00	100.00
125501.dat	2.31	9.05	26.26	51.41	79.68	99.50	100.00	100.00	100.00	100.00
125502.dat	1.51	8.35	21.53	47.89	82.29	99.80	100.00	100.00	100.00	100.00
125503.dat	3.02	9.56	31.19	75.25	95.17	100.00	100.00	100.00	100.00	100.00
125504.dat	2.41	7.44	21.03	60.66	93.06	100.00	100.00	100.00	100.00	100.00
125505.dat	0.20	2.11	14.79	59.26	91.15	100.00	100.00	100.00	100.00	100.00
125506.dat	0.40	5.94	19.42	61.57	90.85	98.89	100.00	100.00	100.00	100.00
125507.dat	0.00	4.83	15.90	50.91	88.73	97.69	100.00	100.00	100.00	100.00
125508.dat	1.21	6.04	14.49	44.87	81.79	97.38	100.00	100.00	100.00	100.00
125509.dat	1.51	5.84	16.30	49.30	88.13	99.80	100.00	100.00	100.00	100.00
125510.dat	1.11	4.93	14.08	44.27	84.21	95.67	98.89	100.00	100.00	100.00
125511.dat	0.30	3.02	9.36	38.03	76.16	91.85	97.48	98.99	100.00	100.00
125512.dat	1.11	2.31	5.43	16.00	37.22	70.12	88.53	96.68	98.99	100.00
125601.dat	1.21	1.91	8.75	18.61	34.21	48.59	68.21	88.73	97.08	100.00
125602.dat	1.51	2.72	7.85	19.82	39.64	51.31	64.59	83.60	97.59	100.00
125603.dat	1.61	2.72	9.05	19.82	41.65	52.52	66.30	85.21	97.08	100.00
125604.dat	1.51	2.21	7.04	16.50	40.34	52.41	72.13	92.96	99.30	100.00
125605.dat	1.21	3.22	10.26	18.61	35.51	45.47	63.18	88.63	98.89	100.00
125606.dat	1.21	3.32	10.87	28.17	41.25	49.20	63.88	85.21	97.89	100.00
125607.dat	1.51	7.24	18.91	32.39	44.37	52.92	66.50	90.85	98.69	100.00
125608.dat	15.90	22.03	26.46	34.61	46.68	54.23	65.90	86.22	98.49	100.00
125609.dat	15.49	22.54	29.58	38.63	47.28	54.63	67.00	88.93	98.39	100.00
125610.dat	13.48	20.42	25.75	36.22	44.87	50.50	59.96	85.01	95.88	100.00
125611.dat	15.19	22.64	30.89	38.33	46.28	60.66	81.59	94.77	99.20	100.00
125612.dat	15.69	23.34	35.61	53.92	71.03	88.03	97.89	100.00	100.00	100.00
125701.dat	5.73	20.62	48.69	73.44	88.83	98.29	100.00	100.00	100.00	100.00
125702.dat	5.03	20.22	45.17	70.42	86.32	97.89	100.00	100.00	100.00	100.00
125703.dat	2.11	7.75	25.86	51.71	78.97	90.95	97.79	100.00	100.00	100.00
125704.dat	0.00	2.72	13.08	44.97	72.13	87.63	97.69	99.60	100.00	100.00
125705.dat	0.00	0.50	6.74	24.55	54.93	82.49	96.78	100.00	100.00	100.00
125706.dat	0.00	0.91	5.53	21.73	53.22	77.26	94.06	99.70	100.00	100.00
125707.dat	0.00	0.30	3.52	23.64	51.51	78.87	93.06	99.50	100.00	100.00
125708.dat	0.00	0.00	0.20	11.87	45.57	71.73	89.84	98.09	100.00	100.00
125709.dat	0.00	0.00	1.41	10.16	42.96	71.13	88.73	97.59	100.00	100.00
125710.dat	0.00	0.00	1.51	9.36	34.51	69.82	85.11	94.47	98.69	100.00
125711.dat	0.00	0.00	0.50	5.33	26.36	58.05	77.77	90.44	96.68	100.00
125712.dat	0.00	0.00	0.50	3.12	9.86	45.17	73.44	89.64	97.08	100.00
125801.dat	0.00	0.00	0.00	4.12	17.00	47.69	71.73	88.33	99.20	100.00
125802.dat	0.00	0.00	0.00	1.31	8.15	28.47	59.76	81.19	96.28	100.00
125803.dat	0.00	0.10	0.80	1.91	8.95	27.87	54.02	81.29	97.28	100.00
125804.dat	0.00	0.10	0.60	1.41	10.06	29.18	52.01	80.28	99.90	100.00
125805.dat	0.00	0.00	1.91	10.26	26.56	44.87	69.52	88.53	100.00	100.00
125806.dat	0.00	0.00	4.53	13.08	24.35	40.34	63.38	85.81	100.00	100.00
125807.dat	0.00	0.60	4.73	13.48	24.45	44.67	63.98	84.41	100.00	100.00
125808.dat	0.00	0.40	3.62	16.20	28.87	51.51	68.21	83.40	100.00	100.00
125809.dat	0.00	0.00	1.51	10.97	23.54	39.64	61.67	85.11	100.00	100.00
125810.dat	0.00	0.40	4.43	20.82	34.91	55.84	77.46	93.86	100.00	100.00
125811.dat	0.00	1.91	8.35	21.63	29.07	43.46	72.74	94.57	100.00	100.00
125812.dat	0.00	3.92	13.28	22.33	30.48	50.00	81.69	98.19	100.00	100.00
125901.dat	2.31	7.04	15.90	23.04	30.68	53.12	77.77	95.17	99.20	100.00
125902.dat	2.41	7.04	17.71	25.15	39.44	66.10	86.32	97.59	99.30	100.00
125903.dat	3.92	16.20	23.14	34.91	64.49	80.48	90.54	96.48	99.09	100.00
125904.dat	3.02	16.00	32.29	53.62	74.45	84.91	93.56	98.29	99.50	100.00
125905.dat	3.42	12.17	33.10	51.91	75.25	84.00	90.24	95.67	99.20	100.00
125906.dat	5.43	14.99	40.04	63.98	78.77	86.32	91.35	97.48	99.40	100.00
125907.dat	5.63	15.39	41.65	64.49	79.38	87.73	93.16	98.09	99.30	100.00
125908.dat	4.93	14.99	39.94	64.69	78.17	85.11	91.65	97.69	99.20	100.00
125909.dat	3.22	14.89	34.41	57.75	76.36	83.00	88.33	93.06	98.19	100.00
125910.dat	2.82	12.17	28.67	51.11	70.12	81.49	87.02	92.15	97.79	100.00
125911.dat	4.83	19.42	36.82	57.14	78.47	86.22	90.64	94.77	98.69	100.00
125912.dat	4.53	12.88	28.57	49.70	73.84	86.62	91.95	97.79	100.00	100.00
126001.dat	2.52	14.89	33.20	52.72	69.52	86.22	94.47	99.60	100.00	100.00
126002.dat	2.41	12.78	37.83	53.92	69.11	87.83	94.87	99.70	100.00	100.00
126003.dat	1.91	5.33	18.11	47.99	63.98	83.20	94.27	99.50	100.00	100.00
126004.dat	0.00	2.92	11.57	37.42	63.48	81.99	94.97	99.50	100.00	100.00
126005.dat	0.00	4.33	12.58	35.92	66.20	82.60	93.56	99.50	100.00	100.00
126006.dat	0.50	5.03	15.59	39.94	71.33	84.91	94.97	100.00	100.00	100.00
126007.dat	0.00	5.03	15.49	39.74	69.82	85.51	96.48	100.00	100.00	100.00
126008.dat	0.60	7.04	22.03	42.86	75.96	87.93	95.17	99.50	100.00	100.00
126009.dat	2.92	12.68	32.49	58.75	83.20	95.47	100.00	100.00	100.00	100.00
126010.dat	0.80	7.65	26.56	58.75	87.73	97.89	100.00	100.00	100.00	100.00

126011.dat	0.00	1.51	9.15	26.36	66.60	91.75	100.00	100.00	100.00	100.00
126012.dat	0.00	2.62	15.29	40.54	71.53	91.05	99.90	100.00	100.00	100.00
126101.dat	0.00	9.26	30.48	55.13	75.96	93.76	99.90	100.00	100.00	100.00
126102.dat	0.60	14.99	45.57	65.79	72.54	84.31	94.16	100.00	100.00	100.00
126103.dat	1.11	10.06	35.01	63.98	75.65	84.71	94.77	100.00	100.00	100.00
126104.dat	3.02	16.50	38.93	63.28	77.06	86.12	96.38	100.00	100.00	100.00
126105.dat	3.12	15.59	34.51	62.58	78.17	87.73	98.59	100.00	100.00	100.00
126106.dat	4.73	16.60	32.49	61.87	76.26	85.61	97.59	100.00	100.00	100.00
126107.dat	2.62	13.18	31.79	60.36	76.46	83.20	95.17	99.20	100.00	100.00
126108.dat	2.31	8.05	22.23	45.27	65.49	83.80	96.48	99.09	99.40	100.00
126109.dat	3.02	5.03	13.18	37.02	60.06	76.16	94.06	98.19	99.09	100.00
126110.dat	3.42	6.94	16.10	35.01	59.05	76.06	94.06	97.79	98.99	100.00
126111.dat	4.63	11.57	24.85	45.47	64.99	85.71	97.18	98.39	98.89	100.00
126112.dat	0.00	3.72	12.68	34.81	60.26	74.14	94.06	98.39	99.09	100.00
126201.dat	0.00	0.40	12.78	23.04	50.20	76.56	95.67	98.59	98.89	100.00
126202.dat	0.00	0.00	0.40	7.34	39.64	73.54	93.06	98.09	98.99	100.00
126203.dat	0.00	0.00	2.21	12.07	49.20	77.57	94.27	98.99	99.30	100.00
126204.dat	0.00	0.00	1.81	10.97	48.49	76.86	96.18	98.69	99.30	100.00
126205.dat	0.00	0.00	2.41	7.55	38.23	67.51	91.85	99.40	100.00	100.00
126206.dat	0.00	0.00	2.21	8.35	40.14	65.79	85.92	98.09	100.00	100.00
126207.dat	0.00	0.00	2.41	9.96	42.76	63.88	82.60	97.69	99.60	100.00
126208.dat	0.00	1.41	5.33	20.93	51.61	75.35	93.16	98.39	99.60	100.00
126209.dat	0.00	1.41	4.73	21.23	55.73	85.11	97.69	99.60	100.00	100.00
126210.dat	0.00	0.00	2.21	21.63	43.56	77.87	95.27	100.00	100.00	100.00
126211.dat	0.00	0.00	1.41	16.00	46.88	83.30	96.38	99.60	100.00	100.00
126212.dat	0.00	0.20	3.02	27.57	59.05	87.53	96.98	99.80	100.00	100.00
126301.dat	0.00	2.21	15.79	31.69	60.66	83.70	96.98	99.70	100.00	100.00
126302.dat	3.42	11.77	28.47	45.57	67.81	88.53	97.69	100.00	100.00	100.00
126303.dat	0.70	10.97	27.97	43.76	67.51	89.84	99.80	100.00	100.00	100.00
126304.dat	0.00	1.91	18.41	35.51	56.24	75.25	93.26	100.00	100.00	100.00
126305.dat	0.91	6.54	25.86	44.06	64.29	81.69	95.57	99.90	100.00	100.00
126306.dat	0.00	4.33	18.51	33.70	52.11	72.64	90.64	97.89	100.00	100.00
126307.dat	0.20	9.46	22.33	38.73	56.54	75.15	91.25	98.49	100.00	100.00
126308.dat	0.00	1.01	5.43	20.62	46.98	74.25	93.06	97.89	100.00	100.00
126309.dat	0.00	0.20	3.62	12.37	44.16	70.72	91.45	97.59	100.00	100.00
126310.dat	0.00	0.60	2.92	14.19	43.66	82.39	95.47	98.79	100.00	100.00
126311.dat	0.00	0.70	2.01	11.17	37.02	67.20	90.64	97.38	99.30	100.00
126312.dat	0.00	0.70	2.72	13.28	39.13	73.04	91.15	96.38	98.89	100.00
126401.dat	0.10	1.01	3.42	12.27	31.19	61.07	85.51	95.37	98.79	100.00
126402.dat	0.10	1.21	4.63	18.71	50.70	78.57	90.14	97.08	99.40	100.00
126403.dat	0.00	0.70	4.23	16.20	55.53	78.77	89.64	96.18	99.40	100.00
126404.dat	0.00	0.10	5.13	28.87	61.07	81.19	90.74	97.28	99.90	100.00
126405.dat	0.00	0.00	9.66	29.07	50.70	75.25	89.64	98.09	100.00	100.00
126406.dat	0.00	0.00	5.23	27.67	49.90	69.01	92.96	98.99	100.00	100.00
126407.dat	0.00	0.00	2.01	20.32	43.36	66.50	91.05	98.89	100.00	100.00
126408.dat	0.00	0.00	3.42	24.45	48.69	72.23	94.77	98.99	100.00	100.00
126409.dat	0.10	0.50	6.84	30.58	52.72	78.87	95.37	98.49	99.70	100.00
126410.dat	0.10	0.70	14.59	40.14	60.66	85.81	98.29	99.70	100.00	100.00
126411.dat	0.10	1.61	19.42	36.92	61.37	85.21	96.58	100.00	100.00	100.00
126412.dat	0.10	0.60	3.02	11.77	24.55	50.80	81.49	95.77	99.30	100.00
126501.dat	0.10	0.30	5.33	10.26	19.52	44.16	77.06	96.28	98.99	100.00
126502.dat	0.10	0.30	4.93	8.85	16.50	36.52	73.24	94.97	98.39	100.00
126503.dat	0.10	0.60	5.63	9.26	17.91	47.89	83.60	97.99	99.60	100.00
126504.dat	0.30	0.80	1.21	1.91	15.09	36.02	80.78	93.66	98.79	100.00
126505.dat	0.00	0.70	1.31	2.92	14.08	37.73	81.69	93.66	99.30	100.00
126506.dat	0.00	0.00	0.20	4.53	17.30	46.18	82.70	98.39	100.00	100.00
126507.dat	0.00	0.00	0.00	1.41	12.98	44.97	78.77	97.28	100.00	100.00
126508.dat	0.00	0.00	0.00	0.80	9.46	35.41	75.25	94.57	98.89	100.00
126509.dat	0.00	0.00	0.00	0.00	10.66	33.20	64.59	91.05	98.19	100.00
126510.dat	0.00	0.00	0.00	0.00	14.49	37.02	66.80	90.24	98.99	100.00
126511.dat	0.00	0.00	0.00	0.00	7.55	36.22	65.69	87.12	98.39	100.00
126512.dat	0.00	0.00	0.80	16.40	31.79	51.31	73.04	88.23	97.08	100.00
126601.dat	0.00	0.00	5.53	22.94	39.84	60.06	73.84	90.95	97.28	100.00
126602.dat	0.00	0.00	5.13	21.13	36.42	59.36	74.35	92.05	99.09	100.00
126603.dat	0.00	0.00	0.40	10.06	35.61	58.75	75.75	94.47	100.00	100.00
126604.dat	0.00	0.30	7.65	28.47	46.68	72.84	90.04	98.49	100.00	100.00
126605.dat	0.40	1.31	11.17	31.39	54.23	78.97	94.37	99.30	100.00	100.00
126606.dat	0.30	5.33	18.01	38.93	64.89	82.70	95.67	99.60	100.00	100.00
126607.dat	0.40	6.34	17.30	45.98	68.71	88.43	98.59	99.70	100.00	100.00
126608.dat	5.94	19.22	35.31	56.64	74.95	89.34	96.68	98.79	99.80	100.00
126609.dat	6.54	22.74	40.74	62.78	78.67	90.14	96.98	98.39	99.20	100.00

126610.dat	4.02	17.51	35.11	59.36	78.37	88.83	96.88	98.19	99.20	100.00
126611.dat	4.63	21.03	42.25	67.00	82.70	91.95	96.78	98.29	99.20	100.00
126612.dat	0.80	6.84	29.68	56.24	84.31	96.68	99.90	100.00	100.00	100.00
126701.dat	0.30	3.32	19.92	44.77	77.26	94.77	98.69	100.00	100.00	100.00
126702.dat	0.50	5.13	26.86	52.82	86.32	95.98	98.29	99.60	100.00	100.00
126703.dat	0.00	1.21	17.20	48.79	75.05	92.96	98.39	99.80	100.00	100.00
126704.dat	0.00	0.10	9.36	29.28	60.26	76.36	91.35	99.60	100.00	100.00
126705.dat	0.00	0.10	2.92	17.10	48.79	74.65	90.44	99.60	100.00	100.00
126706.dat	0.00	0.40	2.01	10.56	24.75	53.62	85.31	99.20	100.00	100.00
126707.dat	0.00	0.30	1.01	5.13	24.95	52.31	81.09	99.09	100.00	100.00
126708.dat	0.00	0.00	1.01	6.94	26.06	52.21	81.29	100.00	100.00	100.00
126709.dat	0.00	0.00	0.00	9.05	27.57	51.91	79.88	98.79	100.00	100.00
126710.dat	0.00	0.00	0.80	7.65	22.03	47.79	77.16	98.49	100.00	100.00
126711.dat	0.00	0.20	3.72	12.58	33.40	56.34	80.68	97.79	100.00	100.00
126712.dat	0.30	1.91	5.33	15.19	32.80	60.87	91.45	98.79	100.00	100.00
126801.dat	0.70	5.23	12.37	22.84	44.57	74.45	94.67	100.00	100.00	100.00
126802.dat	0.00	0.50	5.84	12.47	28.57	60.36	88.73	98.89	100.00	100.00
126803.dat	0.00	2.11	8.25	14.99	35.11	62.47	87.42	97.69	100.00	100.00
126804.dat	2.92	6.54	13.58	33.40	51.71	68.61	85.41	97.48	100.00	100.00
126805.dat	1.21	4.93	12.27	32.90	51.31	69.42	91.05	99.50	100.00	100.00
126806.dat	2.82	6.14	15.90	40.34	61.17	80.99	95.98	99.70	100.00	100.00
126807.dat	2.21	6.04	15.39	41.55	63.68	83.70	95.98	99.70	100.00	100.00
126808.dat	0.00	0.00	5.63	30.89	51.51	70.52	88.13	98.29	99.90	100.00
126809.dat	0.00	0.00	7.34	36.92	54.53	74.55	90.74	98.19	100.00	100.00
126810.dat	0.00	0.00	6.04	27.57	51.91	73.94	93.56	100.00	100.00	100.00
126811.dat	0.00	0.00	4.23	16.10	46.58	67.10	89.13	100.00	100.00	100.00
126812.dat	0.00	1.71	8.25	21.83	43.16	67.40	87.63	98.89	99.70	100.00
126901.dat	0.00	0.00	0.00	9.46	22.54	35.21	64.69	92.66	98.99	100.00
126902.dat	0.00	0.00	0.40	8.15	22.33	35.01	58.85	84.00	93.36	100.00
126903.dat	0.00	0.00	2.01	9.26	23.04	36.32	67.40	86.62	94.87	100.00
126904.dat	0.00	0.00	2.62	12.37	27.26	35.81	57.85	84.61	93.16	100.00
126905.dat	0.00	0.10	2.01	10.26	25.75	42.15	65.69	88.33	94.16	100.00
126906.dat	0.00	0.00	0.91	4.83	16.40	31.89	57.04	85.11	93.16	100.00
126907.dat	0.00	0.00	1.81	7.44	18.11	33.90	57.55	85.11	93.56	100.00
126908.dat	0.00	0.00	2.21	8.55	24.25	49.50	77.67	90.85	94.06	100.00
126909.dat	0.00	0.00	0.30	5.43	17.51	45.27	77.46	90.54	93.96	100.00
126910.dat	0.00	0.00	0.50	3.32	13.98	41.35	71.33	89.84	94.57	100.00
126911.dat	0.00	0.00	0.00	5.03	28.87	58.35	79.98	90.85	94.67	100.00
126912.dat	0.00	0.00	0.40	8.55	30.99	54.63	76.36	91.45	99.60	100.00
127001.dat	0.00	0.00	0.80	14.19	35.41	59.46	86.32	99.40	100.00	100.00
127002.dat	0.00	0.40	7.04	23.84	54.73	79.18	97.38	99.90	100.00	100.00
127003.dat	0.00	0.00	1.01	9.76	43.86	72.74	93.76	99.90	100.00	100.00
127004.dat	0.00	0.00	1.21	10.87	44.47	76.56	93.96	99.90	100.00	100.00
127005.dat	0.00	0.00	2.11	11.87	42.96	81.19	97.69	100.00	100.00	100.00
127006.dat	0.00	0.10	5.63	20.62	58.15	86.12	97.59	99.09	100.00	100.00
127007.dat	0.00	0.00	3.22	15.39	52.92	83.90	96.58	99.09	100.00	100.00
127008.dat	0.00	0.00	3.12	16.30	49.50	81.99	96.08	99.20	100.00	100.00
127009.dat	0.00	0.00	3.52	16.90	42.56	73.74	94.47	99.09	100.00	100.00
127010.dat	0.00	0.20	3.92	18.21	51.51	80.38	97.59	100.00	100.00	100.00
127011.dat	0.00	0.30	2.01	8.75	29.18	63.88	82.90	96.98	98.99	100.00
127012.dat	0.00	1.01	2.41	6.24	25.05	56.24	85.11	98.39	99.90	100.00
127101.dat	0.00	0.80	2.41	8.45	37.02	75.25	98.89	100.00	100.00	100.00
127102.dat	0.00	1.01	4.53	8.75	38.03	68.81	94.87	100.00	100.00	100.00
127103.dat	0.30	1.91	8.45	25.65	48.89	69.42	89.13	98.79	99.80	100.00
127104.dat	0.00	1.41	5.43	23.14	45.47	71.33	87.22	98.39	100.00	100.00
127105.dat	0.20	1.51	4.43	15.19	31.99	60.97	78.97	92.25	96.58	100.00
127106.dat	0.50	2.11	4.93	16.60	38.33	62.68	82.60	93.86	97.38	100.00
127107.dat	1.71	4.33	8.05	19.92	45.17	69.11	86.12	95.37	98.29	100.00
127108.dat	0.80	2.92	7.75	17.10	39.44	65.59	85.61	96.78	98.99	100.00
127109.dat	0.00	1.51	7.75	20.72	39.44	65.09	85.51	95.98	98.49	100.00
127110.dat	0.00	0.00	0.50	11.97	36.82	61.17	81.49	96.48	98.89	100.00
127111.dat	0.00	0.00	3.32	24.45	46.58	68.41	87.22	97.79	99.30	100.00
127112.dat	0.00	0.00	4.02	14.99	38.33	63.08	85.31	96.28	99.40	100.00
127201.dat	0.00	0.80	6.24	22.23	46.78	64.79	85.71	96.88	99.20	100.00
127202.dat	0.00	0.00	6.24	28.57	48.59	62.47	80.68	94.37	98.59	100.00
127203.dat	0.00	3.02	10.76	29.88	50.70	65.69	81.69	93.26	98.89	100.00
127204.dat	0.00	1.71	13.68	33.10	54.63	70.52	84.91	91.95	98.29	100.00
127205.dat	0.00	11.17	25.65	45.98	66.10	79.07	86.22	92.76	99.20	100.00
127206.dat	0.00	7.14	19.32	38.83	61.87	80.38	89.34	94.87	98.99	100.00
127207.dat	0.00	7.14	18.91	40.54	61.07	81.39	89.54	94.77	98.99	100.00
127208.dat	0.00	9.86	26.26	48.49	63.08	79.68	90.04	94.77	98.49	100.00

127209.dat	1.51	13.08	28.37	48.59	67.71	82.39	91.65	95.07	98.59	100.00
127210.dat	0.00	2.62	14.19	27.46	54.83	79.38	91.15	96.78	99.40	100.00
127211.dat	0.00	0.00	2.72	18.31	56.44	80.38	94.37	98.29	99.90	100.00
127212.dat	0.00	2.82	9.05	24.14	52.82	80.89	95.27	98.69	100.00	100.00
127301.dat	0.00	0.00	3.42	14.99	45.98	78.57	96.08	100.00	100.00	100.00
127302.dat	0.00	0.80	3.52	19.52	45.47	64.59	87.22	99.20	100.00	100.00
127303.dat	0.10	1.51	9.56	25.96	41.55	51.31	66.80	85.81	99.20	100.00
127304.dat	0.00	2.41	13.68	28.67	42.25	52.11	67.10	84.81	98.39	100.00
127305.dat	0.20	6.54	16.10	29.98	39.13	48.89	65.79	83.00	97.08	100.00
127306.dat	0.20	8.85	20.72	32.70	41.15	50.20	66.60	85.31	98.29	100.00
127307.dat	2.62	9.46	21.73	28.77	36.22	46.68	65.49	81.79	96.78	100.00
127308.dat	3.22	11.17	25.25	29.28	35.81	46.78	64.69	87.12	98.89	100.00
127309.dat	3.22	9.56	22.74	29.58	36.22	44.47	65.29	90.74	99.30	100.00
127310.dat	3.12	5.84	16.10	33.30	50.40	74.85	89.34	99.50	100.00	100.00
127311.dat	0.00	0.91	3.12	9.96	43.46	70.62	86.02	97.79	100.00	100.00
127312.dat	0.00	0.60	2.82	14.69	45.88	69.42	84.91	95.67	100.00	100.00
127401.dat	0.00	0.00	1.21	9.96	30.78	56.94	82.60	99.20	100.00	100.00
127402.dat	0.00	0.00	4.53	20.52	41.05	61.47	84.61	96.98	100.00	100.00
127403.dat	0.00	4.02	17.91	27.97	44.37	60.56	80.28	92.25	98.69	100.00
127404.dat	0.50	4.83	18.01	27.87	43.86	57.44	75.15	87.73	97.99	100.00
127405.dat	3.12	9.36	19.92	34.51	48.59	62.27	75.05	87.02	97.69	100.00
127406.dat	6.04	14.08	25.25	39.74	53.22	64.69	76.36	88.93	97.69	100.00
127407.dat	4.53	10.56	21.53	38.03	54.12	66.00	74.95	86.62	97.28	100.00
127408.dat	3.32	9.05	22.64	42.25	53.82	65.69	75.05	87.42	97.59	100.00
127409.dat	0.00	6.34	23.24	51.01	61.27	68.51	77.16	91.95	98.99	100.00
127410.dat	0.00	0.00	5.84	27.46	54.33	68.81	83.10	96.38	99.80	100.00
127411.dat	0.00	2.11	14.19	40.14	69.52	89.94	98.49	100.00	100.00	100.00
127412.dat	0.00	5.23	17.81	41.75	75.25	92.15	98.99	100.00	100.00	100.00
127501.dat	0.00	8.55	30.48	62.17	86.42	97.59	100.00	100.00	100.00	100.00
127502.dat	0.00	2.62	20.22	44.47	74.25	95.57	99.90	100.00	100.00	100.00
127503.dat	0.60	3.52	14.59	39.44	70.62	97.18	100.00	100.00	100.00	100.00
127504.dat	0.10	1.71	10.97	36.22	66.30	95.07	99.70	100.00	100.00	100.00
127505.dat	0.00	0.10	3.62	19.72	59.56	90.74	99.30	100.00	100.00	100.00
127506.dat	0.00	0.00	0.91	12.78	44.77	85.71	96.38	100.00	100.00	100.00
127507.dat	0.00	0.00	0.91	9.26	41.35	82.80	94.97	99.30	100.00	100.00
127508.dat	0.00	0.00	1.01	7.24	30.38	80.68	93.96	99.50	100.00	100.00
127509.dat	0.00	0.00	1.11	5.94	28.57	75.75	92.86	99.09	100.00	100.00
127510.dat	0.00	0.20	4.63	12.68	29.07	59.76	90.85	97.38	99.70	100.00
127511.dat	0.00	0.10	2.41	8.25	28.67	52.11	88.03	98.19	99.40	100.00
127512.dat	0.00	0.00	0.40	17.71	31.69	56.34	87.02	97.69	99.40	100.00
127601.dat	0.00	0.00	2.01	22.03	38.93	68.91	90.44	98.99	99.70	100.00
127602.dat	0.00	0.00	3.92	13.38	32.09	65.69	91.75	98.79	99.80	100.00
127603.dat	2.41	5.63	11.47	24.85	48.59	80.18	92.76	98.59	99.90	100.00
127604.dat	1.51	5.73	12.98	26.66	51.21	85.21	93.56	98.99	100.00	100.00
127605.dat	1.71	5.43	13.68	30.89	57.14	85.81	94.67	99.50	100.00	100.00
127606.dat	1.71	5.53	14.39	36.22	61.87	87.73	94.67	98.99	100.00	100.00
127607.dat	2.11	6.54	14.69	40.14	69.62	90.64	94.97	99.50	100.00	100.00
127608.dat	0.70	4.83	12.17	33.30	60.36	86.42	95.37	99.80	100.00	100.00
127609.dat	0.00	4.23	7.75	20.02	44.67	72.84	92.76	98.79	100.00	100.00
127610.dat	4.43	6.54	12.47	30.28	64.69	86.92	97.28	99.40	100.00	100.00
127611.dat	4.83	8.65	21.63	44.47	80.48	92.86	97.99	99.40	100.00	100.00
127612.dat	7.55	16.00	38.33	63.28	86.82	93.76	98.09	99.50	100.00	100.00
127701.dat	12.27	23.34	45.88	64.59	78.07	91.45	97.38	99.40	100.00	100.00
127702.dat	21.23	38.73	62.47	80.28	92.35	98.69	99.60	100.00	100.00	100.00
127703.dat	20.62	40.54	63.78	78.87	91.05	98.09	99.60	100.00	100.00	100.00
127704.dat	32.60	51.11	69.62	85.31	94.77	99.09	100.00	100.00	100.00	100.00
127705.dat	15.59	36.92	58.75	77.26	93.16	98.19	99.60	100.00	100.00	100.00
127706.dat	18.11	39.13	59.05	74.35	90.14	97.59	98.99	100.00	100.00	100.00
127707.dat	17.00	34.91	54.02	72.43	91.55	97.99	99.90	100.00	100.00	100.00
127708.dat	22.54	35.51	48.09	67.10	84.51	93.66	97.89	100.00	100.00	100.00
127709.dat	12.27	36.32	52.31	76.16	91.75	97.69	100.00	100.00	100.00	100.00
127710.dat	12.58	38.53	53.72	78.27	92.86	98.59	100.00	100.00	100.00	100.00
127711.dat	3.72	12.58	33.00	70.82	90.44	99.09	100.00	100.00	100.00	100.00
127712.dat	0.00	0.30	8.15	28.67	61.77	92.45	99.50	100.00	100.00	100.00
127801.dat	0.00	0.00	0.20	8.15	33.10	69.01	96.68	100.00	100.00	100.00
127802.dat	0.00	0.00	0.20	2.52	14.08	38.53	76.56	95.88	100.00	100.00
127803.dat	0.00	0.00	0.20	3.72	10.56	28.67	61.17	85.81	93.06	100.00
127804.dat	0.00	0.00	0.30	1.61	6.24	16.40	35.11	70.32	85.81	100.00
127805.dat	0.00	0.00	0.00	0.40	3.22	16.20	43.86	79.68	91.95	100.00
127806.dat	0.00	0.00	0.00	0.30	5.13	20.93	49.70	81.59	93.16	100.00
127807.dat	0.00	0.00	0.20	2.11	9.76	30.18	54.83	80.18	93.06	100.00

127808.dat	0.00	0.00	1.21	6.14	18.81	40.74	60.36	82.80	94.06	100.00
127809.dat	0.00	0.70	2.21	4.53	10.16	34.31	62.68	84.41	93.46	100.00
127810.dat	0.00	0.00	1.01	2.82	10.26	39.74	64.69	85.41	93.26	100.00
127811.dat	0.00	0.00	0.00	2.11	11.67	31.49	58.35	82.90	92.25	100.00
127812.dat	0.00	0.40	3.52	13.18	22.84	41.65	66.20	79.68	92.15	100.00
127901.dat	0.10	1.41	6.74	15.39	24.55	46.68	68.61	78.27	90.74	100.00
127902.dat	0.00	0.00	3.02	10.06	21.13	50.91	73.14	92.25	99.60	100.00
127903.dat	0.00	0.20	4.23	10.56	23.44	55.53	78.07	97.28	100.00	100.00
127904.dat	0.00	0.10	6.34	22.13	51.51	72.23	85.31	98.09	100.00	100.00
127905.dat	0.00	1.21	6.44	23.44	53.42	71.13	82.19	96.58	99.09	100.00
127906.dat	0.00	1.91	6.84	21.33	50.40	68.41	80.68	96.58	99.09	100.00
127907.dat	0.00	1.51	8.55	25.15	52.72	68.21	79.28	94.57	99.50	100.00
127908.dat	0.20	2.92	9.96	22.23	43.36	61.27	77.26	90.04	98.29	100.00
127909.dat	2.52	5.94	19.52	39.84	59.26	69.62	81.39	93.26	98.99	100.00
127910.dat	0.30	2.92	6.24	21.03	44.37	67.61	83.60	94.97	99.60	100.00
127911.dat	2.11	4.12	11.87	25.96	44.06	74.45	93.36	98.89	100.00	100.00
127912.dat	0.00	1.01	7.34	25.25	52.01	82.70	94.77	99.40	100.00	100.00
128001.dat	0.00	0.00	1.31	13.78	42.45	70.72	95.57	99.30	100.00	100.00
128002.dat	0.00	0.00	1.91	10.46	33.90	57.95	79.88	94.16	100.00	100.00
128003.dat	0.00	0.00	0.00	7.55	29.88	61.17	83.90	96.28	100.00	100.00
128004.dat	0.00	0.00	1.31	8.95	29.48	57.85	84.91	94.16	99.90	100.00
128005.dat	0.00	0.00	0.00	0.91	15.19	45.98	79.48	93.56	100.00	100.00
128006.dat	0.00	0.00	0.40	2.21	13.88	39.54	71.73	90.44	100.00	100.00
128007.dat	0.00	0.00	0.30	2.72	14.59	36.02	69.62	90.95	100.00	100.00
128008.dat	0.00	0.00	0.50	4.23	20.93	43.36	81.29	95.47	100.00	100.00
128009.dat	0.00	0.00	0.20	2.21	15.09	32.39	60.97	90.74	100.00	100.00
128010.dat	0.00	0.00	0.00	4.73	20.52	38.93	68.81	94.77	100.00	100.00
128011.dat	0.00	0.00	0.10	3.52	16.80	45.47	70.02	95.47	100.00	100.00
128012.dat	0.00	0.00	0.10	4.02	19.32	41.15	65.59	92.56	100.00	100.00
128101.dat	0.00	0.00	1.31	13.08	36.32	66.70	90.24	98.09	100.00	100.00
128102.dat	0.00	2.72	12.58	40.04	59.46	78.87	92.25	97.08	100.00	100.00
128103.dat	0.00	0.10	7.04	35.81	60.36	79.48	91.75	98.69	99.70	100.00
128104.dat	0.00	1.31	10.66	36.42	59.96	76.36	88.03	95.98	100.00	100.00
128105.dat	0.00	1.01	10.76	39.54	61.17	80.58	92.35	97.59	99.70	100.00
128106.dat	0.00	0.30	10.87	41.05	62.37	81.19	92.66	98.79	100.00	100.00
128107.dat	0.00	0.00	7.24	36.72	57.24	81.19	94.67	99.80	100.00	100.00
128108.dat	0.00	0.00	8.35	35.31	56.54	86.12	96.28	99.90	100.00	100.00
128109.dat	0.00	1.01	8.45	35.01	63.38	90.04	98.09	100.00	100.00	100.00
128110.dat	0.00	0.00	4.53	19.82	50.70	74.35	98.19	100.00	100.00	100.00
128111.dat	0.00	0.00	2.41	10.16	30.18	68.71	94.57	98.99	100.00	100.00
128112.dat	0.00	0.00	0.80	6.94	26.66	58.45	83.00	95.57	98.89	100.00
128201.dat	0.00	0.00	2.01	4.83	18.11	45.07	70.42	94.16	98.69	100.00
128202.dat	0.00	0.00	2.21	5.13	16.50	42.05	66.60	92.05	99.09	100.00
128203.dat	0.00	0.20	1.91	4.93	12.68	34.41	63.18	91.15	100.00	100.00
128204.dat	0.00	0.30	2.11	5.23	16.10	36.12	62.78	88.53	100.00	100.00
128205.dat	0.00	0.40	2.11	9.66	22.64	46.58	77.06	92.25	99.70	100.00
128206.dat	0.00	0.10	1.71	6.34	16.60	46.38	76.56	91.45	99.70	100.00
128207.dat	0.00	0.00	0.70	4.53	20.42	40.04	70.12	91.05	100.00	100.00
128208.dat	0.00	0.30	0.60	2.41	12.27	34.00	65.90	91.75	100.00	100.00
128209.dat	0.00	0.00	0.00	0.30	6.14	18.21	45.17	75.35	95.47	100.00
128210.dat	0.00	0.00	0.00	2.82	8.85	23.44	47.89	78.07	99.40	100.00
128211.dat	0.00	0.00	0.00	0.70	7.34	18.81	50.50	81.39	99.20	100.00
128212.dat	0.00	0.00	0.00	0.80	3.42	17.40	50.50	79.88	99.90	100.00
128301.dat	0.00	0.00	0.10	1.51	4.33	19.92	54.12	78.67	94.97	100.00
128302.dat	0.00	0.00	0.00	2.31	6.44	16.40	47.59	70.93	89.24	100.00
128303.dat	0.00	0.00	0.00	0.70	3.42	13.28	36.92	62.47	83.40	100.00
128304.dat	0.00	0.00	0.00	0.50	2.11	14.08	33.00	59.15	80.89	100.00
128305.dat	0.00	0.00	0.00	0.00	2.21	15.09	35.92	53.72	78.87	100.00
128306.dat	0.00	0.00	0.00	0.00	2.82	13.58	32.90	54.53	79.88	100.00
128307.dat	0.00	0.00	0.00	0.00	2.21	8.35	24.35	56.34	83.90	100.00
128308.dat	0.00	0.00	0.00	0.00	1.41	7.75	21.63	40.64	72.03	100.00
128309.dat	0.00	0.00	0.00	0.00	0.91	7.14	26.06	53.82	83.50	100.00
128310.dat	0.00	0.00	0.00	0.00	2.11	9.46	28.77	55.23	81.89	100.00
128311.dat	0.00	0.00	0.00	0.00	0.00	2.72	16.30	37.73	76.56	100.00
128312.dat	0.00	0.00	0.00	0.00	0.00	3.82	14.19	32.60	60.66	100.00
128401.dat	0.00	0.00	0.00	0.00	0.00	4.12	18.61	45.07	73.24	100.00
128402.dat	0.00	0.00	0.00	0.00	1.01	8.05	32.90	59.46	84.51	100.00
128403.dat	0.00	0.00	0.00	0.60	7.95	25.86	53.82	75.05	88.73	100.00
128404.dat	0.00	0.00	0.00	5.43	12.17	27.46	51.11	73.04	86.62	100.00
128405.dat	0.00	0.00	0.70	6.24	12.07	24.95	52.11	75.65	92.86	100.00
128406.dat	0.00	0.00	0.70	6.24	12.07	24.75	48.99	70.42	87.02	100.00



128407.dat	0.00	0.00	0.50	6.24	14.08	24.85	51.41	71.53	83.60	100.00
128408.dat	0.00	0.00	2.62	9.05	15.19	27.46	55.03	75.65	89.54	100.00
128409.dat	0.00	0.00	3.52	10.26	17.00	31.09	56.24	80.18	94.47	100.00
128410.dat	0.00	0.00	5.23	9.56	15.49	27.97	56.24	76.96	90.34	100.00
128411.dat	0.00	2.01	6.44	10.56	17.61	37.73	61.37	79.18	95.07	100.00
128412.dat	0.00	0.00	2.82	14.89	24.55	44.16	78.97	95.17	99.20	100.00
128501.dat	0.00	0.00	0.70	17.71	31.69	48.69	74.04	90.64	98.89	100.00
128502.dat	0.00	0.00	1.51	15.69	31.39	53.12	73.14	90.74	98.49	100.00
128503.dat	0.00	0.00	0.70	11.67	33.70	56.14	70.02	88.83	98.49	100.00
128504.dat	0.00	0.10	1.71	18.41	48.79	62.47	72.84	90.34	98.99	100.00
128505.dat	0.00	0.30	3.02	23.24	49.90	60.16	70.02	87.63	99.70	100.00
128506.dat	0.00	1.21	7.24	34.81	56.44	65.39	76.46	94.06	100.00	100.00
128507.dat	0.00	1.31	10.46	38.13	58.25	66.10	76.26	96.98	100.00	100.00
128508.dat	0.50	5.03	12.78	42.56	66.50	77.36	92.15	99.60	100.00	100.00
128509.dat	0.00	1.11	5.43	23.74	62.27	74.95	89.74	98.89	100.00	100.00
128510.dat	0.00	1.21	8.55	30.58	63.08	77.87	91.25	98.09	100.00	100.00
128511.dat	1.01	9.26	21.53	42.25	54.83	67.71	80.68	96.08	100.00	100.00
128512.dat	5.03	11.17	21.83	46.18	59.36	73.84	90.44	100.00	100.00	100.00
128601.dat	0.00	0.30	9.76	27.57	57.75	78.87	96.08	100.00	100.00	100.00
128602.dat	0.00	0.00	0.20	4.43	26.66	58.65	88.83	98.99	100.00	100.00
128603.dat	0.00	0.00	0.60	4.43	20.42	56.64	85.21	100.00	100.00	100.00
128604.dat	0.00	0.00	0.00	1.61	13.78	52.62	81.09	94.97	100.00	100.00
128605.dat	0.00	0.00	0.00	0.91	10.46	48.89	79.18	94.77	99.70	100.00
128606.dat	0.00	0.00	0.00	0.60	12.88	48.79	77.67	95.47	100.00	100.00
128607.dat	0.00	0.00	0.00	2.01	15.39	50.60	76.36	95.57	100.00	100.00
128608.dat	0.00	0.00	0.00	0.70	12.98	46.78	71.73	90.54	99.30	100.00
128609.dat	0.00	0.00	0.00	0.70	14.19	49.50	75.75	92.15	98.69	100.00
128610.dat	0.00	0.00	0.50	4.83	19.42	52.82	78.07	91.45	98.29	100.00
128611.dat	0.00	0.80	2.72	8.65	28.47	66.50	84.41	93.16	98.79	100.00
128612.dat	0.30	1.71	4.93	9.86	28.27	69.42	84.21	92.15	97.89	100.00
128701.dat	0.00	1.01	4.33	9.76	32.29	70.52	83.40	91.55	96.88	100.00
128702.dat	0.00	3.02	9.46	32.39	64.89	76.36	89.24	92.76	96.98	100.00
128703.dat	0.00	0.40	9.15	40.04	64.69	77.87	89.54	93.26	96.68	100.00
128704.dat	0.00	2.72	18.41	48.69	74.75	86.12	90.24	94.06	98.29	100.00
128705.dat	0.00	0.10	6.94	35.21	70.72	85.41	89.54	93.46	97.48	100.00
128706.dat	0.00	0.10	7.75	33.10	68.71	83.60	89.24	93.26	97.48	100.00
128707.dat	0.00	0.10	6.24	25.75	50.60	79.58	90.04	95.77	100.00	100.00
128708.dat	0.00	0.10	6.14	25.05	53.22	79.28	89.74	97.59	100.00	100.00
128709.dat	0.00	2.21	18.71	49.80	72.94	86.82	94.67	99.20	100.00	100.00
128710.dat	0.00	2.92	19.32	52.01	75.65	88.43	96.68	100.00	100.00	100.00
128711.dat	2.62	9.26	21.93	39.44	71.23	86.72	97.69	99.90	100.00	100.00
128712.dat	1.01	1.61	8.05	17.71	52.11	83.10	96.48	99.60	100.00	100.00
128801.dat	1.11	2.11	6.64	17.40	48.29	80.89	94.77	98.79	100.00	100.00
128802.dat	1.61	3.22	13.08	34.10	61.07	87.42	97.28	99.30	100.00	100.00
128803.dat	1.21	6.74	23.64	46.18	67.91	90.54	98.29	100.00	100.00	100.00
128804.dat	1.21	2.92	9.56	30.58	52.01	77.26	94.06	96.98	99.40	100.00
128805.dat	0.40	2.72	9.86	38.63	63.08	83.60	97.38	99.70	100.00	100.00
128806.dat	0.10	2.21	10.46	37.32	62.17	82.09	96.18	98.49	100.00	100.00
128807.dat	4.43	9.66	23.84	49.70	68.31	89.34	97.69	99.40	100.00	100.00
128808.dat	5.23	14.19	25.45	50.60	67.10	78.27	96.08	99.09	100.00	100.00
128809.dat	4.12	9.46	21.13	45.67	63.68	76.96	93.76	98.89	100.00	100.00
128810.dat	2.82	11.57	23.14	51.31	69.52	85.11	94.57	99.50	100.00	100.00
128811.dat	0.20	6.34	14.99	31.99	56.94	84.10	95.77	100.00	100.00	100.00
128812.dat	0.20	6.94	16.80	39.44	78.87	92.45	98.99	100.00	100.00	100.00
128901.dat	2.11	9.96	25.96	50.00	78.57	94.37	99.60	100.00	100.00	100.00
128902.dat	0.00	3.82	16.70	37.32	74.75	95.17	99.50	100.00	100.00	100.00
128903.dat	0.50	1.41	5.53	21.43	59.86	88.63	99.30	100.00	100.00	100.00
128904.dat	0.20	1.81	16.80	47.48	72.64	97.79	100.00	100.00	100.00	100.00
128905.dat	0.00	0.40	18.51	49.70	75.45	98.29	100.00	100.00	100.00	100.00
128906.dat	0.00	2.11	18.81	50.60	82.29	98.09	100.00	100.00	100.00	100.00
128907.dat	0.00	0.00	12.07	44.87	79.68	97.38	100.00	100.00	100.00	100.00
128908.dat	0.91	5.73	20.52	47.48	72.13	91.85	98.79	99.70	100.00	100.00
128909.dat	0.00	6.04	19.82	41.35	67.71	91.45	97.69	99.80	100.00	100.00
128910.dat	0.00	5.63	17.71	36.02	57.24	79.78	96.38	99.70	100.00	100.00
128911.dat	2.21	12.47	27.36	53.52	81.79	95.17	98.59	99.09	99.60	100.00
128912.dat	4.83	19.92	38.23	64.59	88.83	96.68	98.59	99.09	99.50	100.00

Table B.2. 24 Month Timescales

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
241401.dat	0.00	0.30	1.91	3.92	12.37	42.66	78.87	97.28	100.00	100.00
241402.dat	0.00	0.20	1.11	3.52	10.16	36.72	74.55	97.28	100.00	100.00
241403.dat	0.00	0.70	1.61	4.43	25.45	59.76	87.83	98.99	100.00	100.00
241404.dat	0.10	0.91	1.81	4.83	24.14	59.66	86.62	97.79	100.00	100.00
241405.dat	0.00	0.70	1.41	4.93	26.66	63.48	89.24	98.19	100.00	100.00
241406.dat	0.00	0.60	1.61	5.03	26.16	55.33	81.29	94.77	99.40	100.00
241407.dat	0.00	0.00	0.20	4.12	26.96	53.22	81.69	94.67	99.90	100.00
241408.dat	0.00	0.00	0.30	6.54	32.19	55.13	87.32	97.38	99.90	100.00
241409.dat	0.00	0.00	0.40	5.13	27.77	60.66	86.32	95.67	100.00	100.00
241410.dat	0.00	0.00	0.30	2.72	26.26	66.10	89.44	98.39	100.00	100.00
241411.dat	0.00	0.00	0.40	1.81	30.78	71.23	90.95	98.89	100.00	100.00
241412.dat	0.00	0.00	0.40	7.44	27.67	64.59	87.63	98.39	100.00	100.00
241501.dat	0.00	0.00	2.31	16.90	28.37	51.91	82.70	97.69	100.00	100.00
241502.dat	0.00	0.10	1.01	10.87	24.55	40.24	72.54	96.98	100.00	100.00
241503.dat	0.00	0.00	1.01	13.68	25.96	39.74	72.13	95.17	100.00	100.00
241504.dat	0.00	0.00	1.81	12.98	25.25	35.71	60.36	89.03	99.20	100.00
241505.dat	0.00	0.00	0.00	7.65	19.32	30.08	46.68	82.80	99.60	100.00
241506.dat	0.00	0.00	2.92	14.08	27.57	36.42	55.53	87.63	100.00	100.00
241507.dat	0.00	0.00	2.31	13.28	29.48	40.34	63.18	86.02	99.60	100.00
241508.dat	0.00	0.00	2.92	14.99	31.09	42.66	68.11	86.12	98.69	100.00
241509.dat	0.00	0.00	4.53	16.20	27.26	39.44	66.10	85.41	98.69	100.00
241510.dat	0.00	0.91	5.13	21.93	31.79	43.06	68.31	87.22	99.09	100.00
241511.dat	0.00	0.00	2.01	18.01	34.10	47.28	74.85	94.16	99.70	100.00
241512.dat	0.00	0.10	3.92	11.07	31.79	48.09	69.92	92.56	99.40	100.00
241601.dat	0.00	0.00	3.22	14.49	31.99	45.37	62.98	79.88	95.07	100.00
241602.dat	0.00	0.00	1.81	7.95	24.95	44.57	65.29	84.71	95.47	100.00
241603.dat	0.00	0.00	0.80	4.12	11.07	31.99	56.04	81.19	92.76	100.00
241604.dat	0.00	0.00	2.01	7.04	17.20	43.06	64.19	83.40	91.85	100.00
241605.dat	0.00	0.00	2.31	3.54	16.20	42.45	65.09	83.80	92.86	100.00
241606.dat	0.00	0.00	3.12	11.07	25.35	49.20	68.81	85.71	96.18	100.00
241607.dat	0.00	0.00	3.72	11.87	26.36	48.29	68.01	85.81	98.39	100.00
241608.dat	0.00	0.00	3.12	10.36	23.84	45.77	66.90	84.91	97.79	100.00
241609.dat	0.00	0.00	3.22	11.57	25.96	50.40	67.00	84.21	92.66	100.00
241610.dat	0.00	0.10	3.72	10.16	23.84	47.28	68.11	82.39	94.97	100.00
241611.dat	0.00	0.40	3.22	8.75	21.83	44.67	67.20	83.70	96.78	100.00
241612.dat	0.00	0.00	1.01	4.93	16.20	38.03	68.41	88.73	99.20	100.00
241701.dat	0.00	0.00	1.21	4.63	17.10	39.94	70.93	93.36	99.20	100.00
241702.dat	0.00	0.00	0.80	4.23	19.92	50.00	80.38	96.38	98.69	100.00
241703.dat	0.00	0.00	0.60	3.12	18.71	49.30	82.19	96.08	98.29	100.00
241704.dat	0.00	0.00	0.50	4.93	19.52	50.50	80.38	95.77	98.39	100.00
241705.dat	0.00	0.20	1.71	4.33	21.53	56.64	80.78	96.58	98.79	100.00
241706.dat	0.00	0.20	1.71	3.82	21.73	59.76	85.41	97.69	99.50	100.00
241707.dat	0.00	0.50	1.81	5.73	23.04	63.48	87.22	98.29	100.00	100.00
241708.dat	0.00	0.30	1.81	4.93	24.45	62.78	85.71	96.88	100.00	100.00
241709.dat	0.00	0.00	2.21	7.44	29.58	63.18	85.51	96.88	100.00	100.00
241710.dat	0.00	0.00	1.71	8.55	32.19	67.81	87.73	96.68	100.00	100.00
241711.dat	0.00	0.00	2.01	11.27	38.43	76.66	92.05	98.99	100.00	100.00
241712.dat	0.00	0.00	2.41	15.59	48.79	74.95	93.26	99.20	100.00	100.00
241801.dat	0.50	6.54	25.05	45.27	68.61	81.79	92.35	99.40	100.00	100.00
241802.dat	0.30	5.13	20.93	43.46	68.41	83.00	96.08	99.70	100.00	100.00
241803.dat	0.00	1.01	11.77	40.34	72.03	91.85	98.59	99.80	100.00	100.00
241804.dat	0.00	1.11	11.47	42.35	71.93	94.47	98.59	100.00	100.00	100.00
241805.dat	0.00	0.40	11.97	41.05	72.64	94.06	99.50	100.00	100.00	100.00
241806.dat	0.40	1.91	13.08	38.63	73.94	90.85	97.89	99.60	100.00	100.00
241807.dat	0.50	2.92	15.90	40.85	73.54	90.34	97.08	98.99	100.00	100.00
241808.dat	0.40	3.02	16.60	39.74	75.55	91.15	97.48	99.50	100.00	100.00
241809.dat	0.70	2.52	10.46	34.81	68.61	92.56	96.68	98.59	100.00	100.00
241810.dat	0.20	1.81	12.98	38.73	72.64	94.37	97.99	99.30	100.00	100.00
241811.dat	0.00	1.31	8.65	32.49	67.20	94.16	97.59	99.09	100.00	100.00
241812.dat	0.20	1.31	12.17	38.83	73.94	91.25	97.38	99.30	100.00	100.00
241901.dat	0.00	0.91	17.20	47.69	79.78	91.65	97.28	99.50	100.00	100.00
241902.dat	0.00	0.10	9.56	43.96	70.22	89.13	96.08	98.89	100.00	100.00
241903.dat	0.00	0.00	6.04	37.73	67.61	89.13	95.77	98.69	99.70	100.00
241904.dat	0.00	0.80	8.45	46.68	77.26	91.15	97.48	99.40	100.00	100.00
241905.dat	0.80	6.04	22.64	61.97	83.80	94.37	98.09	100.00	100.00	100.00

241906.dat	0.91	8.25	25.96	63.58	83.70	94.87	98.49	100.00	100.00	100.00
241907.dat	0.00	6.74	25.35	59.05	78.97	94.37	98.39	100.00	100.00	100.00
241908.dat	0.00	6.64	23.44	59.26	79.18	94.47	99.09	100.00	100.00	100.00
241909.dat	0.40	6.34	20.82	54.02	74.95	89.44	98.09	100.00	100.00	100.00
241910.dat	0.00	2.41	11.87	36.82	68.91	84.51	97.48	99.80	100.00	100.00
241911.dat	0.00	2.41	12.98	32.29	62.17	75.45	90.44	98.49	100.00	100.00
241912.dat	0.40	4.23	10.97	29.18	61.17	79.98	91.65	98.79	100.00	100.00
242001.dat	1.41	7.34	17.30	38.23	67.61	82.80	92.25	98.09	100.00	100.00
242002.dat	3.52	11.77	29.78	48.49	69.72	82.09	90.04	95.57	99.20	100.00
242003.dat	1.91	7.34	26.46	46.38	69.82	81.39	89.94	96.68	100.00	100.00
242004.dat	0.50	5.33	20.42	38.43	59.05	79.98	89.74	96.98	100.00	100.00
242005.dat	0.20	4.83	22.43	40.95	59.46	78.37	89.64	96.58	100.00	100.00
242006.dat	0.91	5.63	20.62	41.95	58.55	79.98	90.85	97.89	100.00	100.00
242007.dat	1.01	6.04	22.54	44.16	66.60	83.20	93.16	99.80	100.00	100.00
242008.dat	0.91	3.82	19.82	42.56	63.58	81.59	92.35	99.90	100.00	100.00
242009.dat	2.01	6.44	23.34	44.16	62.78	82.70	92.76	98.59	100.00	100.00
242010.dat	0.91	5.03	20.62	40.64	58.75	79.38	91.35	96.78	100.00	100.00
242011.dat	0.20	3.62	12.98	41.05	59.36	82.60	93.66	98.09	100.00	100.00
242012.dat	0.00	1.71	8.95	26.16	55.13	79.98	95.98	99.90	100.00	100.00
242101.dat	0.00	0.40	6.04	16.90	42.86	75.45	95.17	99.50	100.00	100.00
242102.dat	0.00	2.52	11.47	25.35	56.34	80.78	97.59	100.00	100.00	100.00
242103.dat	0.00	2.01	13.08	29.38	58.15	82.70	97.18	100.00	100.00	100.00
242104.dat	0.00	2.11	11.77	29.38	58.95	79.68	95.17	100.00	100.00	100.00
242105.dat	0.00	1.51	7.34	16.50	48.39	76.06	91.75	99.20	100.00	100.00
242106.dat	0.00	0.50	4.73	12.47	40.85	69.42	89.84	98.79	99.50	100.00
242107.dat	0.00	0.50	5.03	13.18	40.44	69.01	89.34	98.49	99.50	100.00
242108.dat	0.00	0.60	4.93	12.07	37.73	63.58	83.70	95.77	99.60	100.00
242109.dat	0.00	0.80	5.13	14.39	41.05	66.20	90.24	99.09	99.80	100.00
242110.dat	0.00	0.60	5.73	16.00	46.78	69.62	91.15	100.00	100.00	100.00
242111.dat	0.00	0.00	5.94	15.69	50.30	73.54	92.66	100.00	100.00	100.00
242112.dat	0.00	0.00	2.62	13.18	34.81	64.89	89.64	99.60	100.00	100.00
242201.dat	0.00	0.00	3.12	11.57	28.77	60.87	86.52	99.50	100.00	100.00
242202.dat	0.00	0.00	3.02	8.65	21.93	51.51	84.81	98.39	100.00	100.00
242203.dat	0.00	0.00	2.82	8.05	24.45	55.63	89.54	100.00	100.00	100.00
242204.dat	0.00	0.00	2.11	8.45	25.65	62.68	91.65	100.00	100.00	100.00
242205.dat	0.00	0.00	2.82	8.75	26.46	62.07	91.35	100.00	100.00	100.00
242206.dat	0.00	0.00	3.92	9.96	28.67	61.67	90.95	100.00	100.00	100.00
242207.dat	0.00	0.20	4.12	9.26	25.75	62.37	90.85	100.00	100.00	100.00
242208.dat	0.00	1.51	5.43	10.76	27.87	59.66	89.24	100.00	100.00	100.00
242209.dat	0.00	2.21	6.44	11.67	30.68	68.41	93.56	100.00	100.00	100.00
242210.dat	0.00	2.62	7.55	18.61	44.97	79.48	99.50	100.00	100.00	100.00
242211.dat	0.00	1.71	6.74	17.20	47.38	77.36	96.78	100.00	100.00	100.00
242212.dat	0.00	0.30	5.13	15.79	43.76	74.75	92.35	100.00	100.00	100.00
242301.dat	0.00	0.80	6.34	21.43	43.96	75.96	94.57	100.00	100.00	100.00
242302.dat	0.00	0.60	7.24	26.16	48.19	80.08	95.67	99.90	100.00	100.00
242303.dat	0.00	1.81	10.26	28.47	49.50	79.88	96.88	100.00	100.00	100.00
242304.dat	0.00	1.71	8.95	26.76	47.79	72.03	95.57	99.80	100.00	100.00
242305.dat	0.00	0.80	9.96	31.49	52.41	82.19	97.69	100.00	100.00	100.00
242306.dat	0.00	0.00	9.05	27.97	47.59	78.97	96.88	99.50	100.00	100.00
242307.dat	0.00	0.30	9.96	24.65	46.98	76.56	96.18	100.00	100.00	100.00
242308.dat	0.00	0.20	7.85	21.83	48.99	77.67	97.18	100.00	100.00	100.00
242309.dat	0.00	0.00	3.52	24.14	44.97	73.24	92.96	99.70	100.00	100.00
242310.dat	0.00	0.40	3.92	21.93	41.05	66.50	87.12	96.18	100.00	100.00
242311.dat	0.70	2.41	8.65	22.33	43.26	67.10	88.23	96.38	100.00	100.00
242312.dat	0.40	1.71	8.85	20.02	53.12	75.05	91.65	99.20	100.00	100.00
242401.dat	0.00	2.52	9.05	32.60	60.06	82.39	93.46	99.80	100.00	100.00
242402.dat	1.31	5.53	19.22	37.93	66.00	87.12	95.98	99.70	100.00	100.00
242403.dat	1.91	6.14	19.82	40.24	66.70	85.71	94.97	98.99	100.00	100.00
242404.dat	3.02	7.24	21.73	45.77	73.64	90.64	96.58	99.90	100.00	100.00
242405.dat	3.82	8.45	27.26	50.20	77.13	91.05	96.58	98.19	99.90	100.00
242406.dat	3.62	9.26	28.17	53.72	81.09	92.35	96.98	98.19	99.90	100.00
242407.dat	4.12	9.86	27.67	51.81	80.18	91.65	96.48	98.19	99.90	100.00
242408.dat	4.02	11.57	33.20	60.76	86.32	94.97	97.18	98.89	100.00	100.00
242409.dat	3.62	9.56	31.39	60.97	84.71	93.36	97.18	98.39	99.90	100.00
242410.dat	0.91	6.44	25.75	54.33	82.60	92.96	96.98	98.29	99.70	100.00
242411.dat	0.00	6.74	26.16	55.43	80.38	93.56	97.69	99.20	100.00	100.00
242412.dat	2.82	13.08	25.55	49.60	83.20	94.06	97.28	98.69	99.90	100.00
242501.dat	5.53	17.91	30.99	59.15	87.22	95.27	97.79	98.99	99.90	100.00
242502.dat	1.71	7.75	25.15	55.53	85.71	95.37	98.09	99.50	100.00	100.00
242503.dat	0.30	4.02	15.19	54.33	86.22	95.47	98.89	99.91	100.00	100.00
242504.dat	0.40	3.62	18.51	49.30	87.32	97.38	99.70	100.00	100.00	100.00

242505.dat	0.30	3.32	17.91	52.01	87.53	98.19	99.90	100.00	100.00	100.00
242506.dat	0.20	3.62	18.71	51.61	90.54	97.89	99.60	100.00	100.00	100.00
242507.dat	0.20	4.02	19.01	53.32	90.54	98.39	99.90	100.00	100.00	100.00
242508.dat	0.40	4.93	22.13	53.52	87.83	98.29	100.00	100.00	100.00	100.00
242509.dat	0.40	3.52	21.63	50.80	87.93	99.70	100.00	100.00	100.00	100.00
242510.dat	0.30	4.43	22.23	59.05	82.39	96.18	100.00	100.00	100.00	100.00
242511.dat	0.00	3.82	20.12	59.05	85.11	98.19	100.00	100.00	100.00	100.00
242512.dat	0.91	5.43	25.35	63.98	88.83	99.50	100.00	100.00	100.00	100.00
242601.dat	0.70	3.42	20.62	61.57	87.83	99.50	100.00	100.00	100.00	100.00
242602.dat	0.60	2.82	14.29	46.38	81.09	98.59	100.00	100.00	100.00	100.00
242603.dat	0.60	2.92	18.01	57.65	87.53	99.50	100.00	100.00	100.00	100.00
242604.dat	0.50	1.41	9.26	38.23	78.07	97.38	99.90	100.00	100.00	100.00
242605.dat	0.60	2.01	7.24	33.50	68.71	94.77	99.30	100.00	100.00	100.00
242606.dat	0.60	2.01	9.15	33.00	67.71	93.06	99.30	100.00	100.00	100.00
242607.dat	0.20	1.71	9.05	31.49	66.40	93.46	99.40	100.00	100.00	100.00
242608.dat	0.00	1.11	5.94	27.87	62.07	92.66	98.79	100.00	100.00	100.00
242609.dat	0.00	0.80	5.03	26.26	58.35	90.44	98.29	100.00	100.00	100.00
242610.dat	0.00	1.51	8.05	33.50	63.88	90.24	98.89	100.00	100.00	100.00
242611.dat	0.00	1.31	5.63	22.74	52.62	84.61	98.19	99.90	100.00	100.00
242612.dat	0.00	1.51	7.75	21.23	55.23	85.11	95.27	99.09	100.00	100.00
242701.dat	0.00	1.11	7.65	20.93	50.91	83.30	95.47	99.09	99.90	100.00
242702.dat	0.00	0.00	5.33	16.30	33.30	68.31	90.44	97.18	99.70	100.00
242703.dat	0.00	0.00	2.72	13.68	30.18	64.29	88.03	97.18	99.70	100.00
242704.dat	0.00	0.70	3.22	16.40	41.55	69.01	89.64	97.69	99.70	100.00
242705.dat	0.00	0.50	2.62	13.28	43.86	71.33	88.13	96.88	99.70	100.00
242706.dat	0.00	0.30	3.52	18.01	46.98	71.53	87.32	97.69	99.80	100.00
242707.dat	0.00	0.30	4.93	19.72	49.70	74.35	88.03	96.58	99.80	100.00
242708.dat	0.00	0.80	6.44	21.83	51.51	75.45	88.33	97.59	99.90	100.00
242709.dat	0.00	1.61	7.04	21.53	43.66	69.92	85.41	94.47	99.80	100.00
242710.dat	0.30	1.91	4.73	19.82	40.54	68.11	88.23	98.09	100.00	100.00
242711.dat	0.10	1.81	3.72	12.68	32.29	56.84	82.09	96.38	100.00	100.00
242712.dat	0.00	1.41	3.32	14.59	31.19	53.92	78.17	94.16	99.80	100.00
242801.dat	0.00	1.61	3.12	14.69	33.00	56.24	79.28	93.56	100.00	100.00
242802.dat	0.00	1.71	4.93	19.62	40.85	64.69	81.69	94.16	99.80	100.00
242803.dat	0.00	1.21	3.02	9.46	30.18	53.82	82.19	94.47	99.80	100.00
242804.dat	0.00	1.21	3.52	13.88	39.64	62.88	85.51	96.68	99.80	100.00
242805.dat	0.00	1.71	3.92	16.50	40.95	64.49	87.42	97.79	100.00	100.00
242806.dat	0.00	1.21	3.32	11.97	37.83	63.38	86.72	98.59	100.00	100.00
242807.dat	0.00	1.11	3.22	11.67	39.24	64.89	84.00	97.69	100.00	100.00
242808.dat	0.00	1.41	3.42	13.38	38.33	63.28	87.63	98.99	100.00	100.00
242809.dat	0.00	1.31	3.82	16.10	45.17	70.52	93.56	100.00	100.00	100.00
242810.dat	0.00	1.21	2.72	11.77	38.73	71.53	95.57	100.00	100.00	100.00
242811.dat	1.51	2.62	6.74	22.13	50.30	83.00	93.16	99.40	100.00	100.00
242812.dat	1.71	3.02	8.85	22.03	58.75	88.43	95.27	100.00	100.00	100.00
242901.dat	1.71	2.62	7.04	25.35	61.97	87.63	94.87	100.00	100.00	100.00
242902.dat	1.81	3.82	26.16	55.23	75.35	90.34	96.68	100.00	100.00	100.00
242903.dat	1.41	3.62	28.47	58.55	74.14	90.95	98.79	100.00	100.00	100.00
242904.dat	1.41	4.33	20.93	57.14	72.33	89.34	97.59	99.90	100.00	100.00
242905.dat	1.61	5.94	33.60	61.97	76.16	92.25	98.69	100.00	100.00	100.00
242906.dat	0.50	4.23	25.45	62.27	81.69	95.77	100.00	100.00	100.00	100.00
242907.dat	1.41	4.63	23.64	61.07	82.19	95.77	100.00	100.00	100.00	100.00
242908.dat	0.30	4.12	22.13	61.67	81.49	97.59	99.90	100.00	100.00	100.00
242909.dat	1.41	9.26	39.84	67.00	84.71	96.48	100.00	100.00	100.00	100.00
242910.dat	4.23	23.14	58.75	71.93	86.02	95.67	100.00	100.00	100.00	100.00
242911.dat	27.67	50.20	65.29	76.86	89.64	95.77	100.00	100.00	100.00	100.00
242912.dat	15.59	44.37	68.61	81.89	90.85	97.18	100.00	100.00	100.00	100.00
243001.dat	11.77	29.38	58.65	74.45	89.64	95.88	99.40	100.00	100.00	100.00
243002.dat	8.95	23.34	50.40	73.14	90.44	97.48	99.80	100.00	100.00	100.00
243003.dat	11.57	31.29	57.24	76.06	89.13	96.28	99.90	100.00	100.00	100.00
243004.dat	11.77	28.97	56.24	74.25	89.13	95.98	100.00	100.00	100.00	100.00
243005.dat	9.36	19.32	43.26	63.88	86.92	98.59	100.00	100.00	100.00	100.00
243006.dat	9.46	20.02	45.47	68.41	90.85	99.90	100.00	100.00	100.00	100.00
243007.dat	9.96	19.11	45.17	64.59	86.52	97.28	100.00	100.00	100.00	100.00
243008.dat	10.36	18.71	41.55	56.84	72.64	92.56	98.79	99.80	100.00	100.00
243009.dat	9.56	16.50	32.39	52.62	66.80	89.13	97.99	99.70	100.00	100.00
243010.dat	8.85	15.39	31.39	52.31	66.00	93.36	98.79	99.90	100.00	100.00
243011.dat	8.65	14.29	33.00	52.11	66.70	92.76	99.30	100.00	100.00	100.00
243012.dat	11.97	21.93	37.83	54.93	71.93	94.16	99.30	100.00	100.00	100.00
243101.dat	12.07	18.91	46.08	60.26	77.97	95.67	99.70	100.00	100.00	100.00
243102.dat	10.66	19.42	39.03	51.71	75.96	92.45	99.40	100.00	100.00	100.00
243103.dat	6.14	16.20	37.02	54.63	81.59	93.86	98.99	100.00	100.00	100.00

243104.dat	7.95	19.82	42.86	59.05	81.19	92.66	97.69	99.80	100.00	100.00
243105.dat	9.36	18.91	40.14	58.95	79.07	92.35	97.99	100.00	100.00	100.00
243106.dat	7.95	16.80	43.16	62.58	78.57	91.05	97.48	99.70	100.00	100.00
243107.dat	7.34	15.49	40.14	62.98	79.58	92.05	98.89	100.00	100.00	100.00
243108.dat	7.24	15.69	40.34	67.10	80.08	91.75	98.19	100.00	100.00	100.00
243109.dat	5.03	13.08	46.68	68.51	82.90	93.66	98.79	99.90	100.00	100.00
243110.dat	4.12	9.66	37.12	65.69	80.08	92.66	99.09	100.00	100.00	100.00
243111.dat	1.41	4.12	11.77	51.61	72.94	86.72	95.37	100.00	100.00	100.00
243112.dat	1.31	6.54	18.91	43.26	65.09	79.38	92.56	99.50	100.00	100.00
243201.dat	0.20	3.62	22.64	46.18	66.60	84.10	95.17	100.00	100.00	100.00
243202.dat	0.10	10.76	24.85	46.68	63.28	75.75	87.53	99.09	100.00	100.00
243203.dat	0.00	2.21	17.00	41.85	64.59	80.08	94.67	100.00	100.00	100.00
243204.dat	0.00	1.21	15.19	38.53	62.68	77.67	94.06	100.00	100.00	100.00
243205.dat	0.00	1.11	14.69	44.57	71.13	84.00	95.37	100.00	100.00	100.00
243206.dat	0.00	0.20	15.09	41.55	65.29	82.19	95.47	100.00	100.00	100.00
243207.dat	0.00	0.10	13.98	39.03	62.27	78.97	95.67	100.00	100.00	100.00
243208.dat	0.00	0.80	15.09	44.77	67.30	83.70	99.50	100.00	100.00	100.00
243209.dat	0.00	2.72	29.28	55.13	71.13	86.12	99.50	100.00	100.00	100.00
243210.dat	0.00	3.72	29.68	57.24	74.04	83.50	95.07	99.30	100.00	100.00
243211.dat	0.00	5.43	31.39	56.04	76.56	86.32	95.88	99.09	100.00	100.00
243212.dat	0.00	0.30	19.42	43.26	68.71	80.38	91.55	97.18	99.60	100.00
243301.dat	0.00	0.40	14.39	34.41	55.13	75.25	87.83	94.57	98.99	100.00
243302.dat	0.00	1.31	14.59	35.61	57.04	79.18	93.96	98.09	99.50	100.00
243303.dat	0.00	2.41	16.20	37.42	59.96	81.99	94.67	98.39	99.70	100.00
243304.dat	0.00	1.81	12.47	36.42	62.58	86.82	95.07	98.29	99.80	100.00
243305.dat	0.00	0.10	6.64	26.06	57.55	84.91	93.86	98.19	99.70	100.00
243306.dat	0.00	1.01	10.66	32.60	60.76	85.81	94.47	98.29	99.70	100.00
243307.dat	0.00	0.40	11.17	33.90	59.76	85.71	94.57	98.29	99.70	100.00
243308.dat	0.00	0.00	8.25	31.69	61.67	87.53	95.37	99.09	99.70	100.00
243309.dat	0.00	0.00	8.05	34.10	65.19	87.22	95.67	99.09	99.60	100.00
243310.dat	0.00	0.10	12.07	32.49	58.25	84.51	94.97	98.99	99.70	100.00
243311.dat	0.00	2.72	21.03	44.37	72.13	90.54	96.38	99.40	99.80	100.00
243312.dat	0.00	4.43	27.46	49.50	70.02	86.12	92.56	97.28	98.79	100.00
243401.dat	0.80	11.67	34.51	55.23	74.14	85.92	92.15	96.18	98.39	100.00
243402.dat	0.10	8.15	37.32	60.76	77.36	88.33	93.46	97.38	98.79	100.00
243403.dat	2.31	13.38	43.36	64.89	79.98	88.83	94.16	98.29	99.40	100.00
243404.dat	3.02	22.84	48.99	69.01	81.09	89.24	94.06	98.49	99.60	100.00
243405.dat	7.85	30.58	53.52	69.42	81.99	90.54	94.57	98.29	99.40	100.00
243406.dat	7.55	25.86	54.12	68.31	80.99	89.34	93.86	97.99	99.40	100.00
243407.dat	10.46	29.28	58.65	74.14	83.80	90.74	95.88	98.69	99.60	100.00
243408.dat	12.78	29.88	56.24	74.04	84.31	91.25	96.58	98.89	99.60	100.00
243409.dat	10.26	28.07	52.92	70.12	83.10	90.85	95.27	98.39	99.40	100.00
243410.dat	11.27	23.34	51.71	76.66	85.11	90.24	94.16	97.99	99.30	100.00
243411.dat	3.52	16.00	31.19	71.03	84.21	91.25	95.27	98.59	99.70	100.00
243412.dat	2.62	16.60	32.29	69.82	85.11	90.54	94.97	98.69	99.60	100.00
243501.dat	7.65	21.23	42.66	75.96	84.81	90.54	93.76	97.59	99.50	100.00
243502.dat	7.95	17.71	35.31	68.71	84.81	91.35	94.27	97.89	99.40	100.00
243503.dat	7.34	17.00	32.80	57.75	84.00	90.04	93.56	97.28	99.40	100.00
243504.dat	2.72	14.29	29.78	51.21	72.94	88.93	93.16	96.58	99.30	100.00
243505.dat	1.21	14.99	30.58	52.92	77.67	89.13	93.26	97.79	99.50	100.00
243506.dat	1.01	13.48	31.59	54.23	78.97	90.24	93.86	98.09	99.40	100.00
243507.dat	1.21	13.58	30.99	57.95	79.98	90.24	93.76	98.09	99.60	100.00
243508.dat	1.41	14.69	31.79	50.20	77.46	90.24	94.27	98.29	99.60	100.00
243509.dat	2.01	17.00	33.10	48.59	78.47	91.35	95.17	98.99	99.80	100.00
243510.dat	2.92	20.02	33.40	56.44	80.58	93.26	96.98	99.40	100.00	100.00
243511.dat	1.21	19.42	33.30	56.34	79.18	93.26	98.19	99.70	100.00	100.00
243512.dat	2.31	21.83	38.63	61.67	88.83	98.19	100.00	100.00	100.00	100.00
243601.dat	0.00	13.58	31.19	51.51	83.60	96.88	99.60	100.00	100.00	100.00
243602.dat	0.00	4.63	23.34	40.04	62.88	88.73	98.49	100.00	100.00	100.00
243603.dat	0.00	4.93	22.64	40.74	61.67	85.71	96.88	100.00	100.00	100.00
243604.dat	0.00	5.33	22.03	42.76	63.18	84.61	96.88	100.00	100.00	100.00
243605.dat	0.50	6.64	21.83	42.05	61.27	84.51	97.38	100.00	100.00	100.00
243606.dat	0.40	5.33	18.21	37.73	61.07	84.41	97.38	100.00	100.00	100.00
243607.dat	0.00	2.31	13.48	27.26	53.42	81.09	97.48	100.00	100.00	100.00
243608.dat	0.00	2.11	11.67	26.56	55.94	80.89	97.48	100.00	100.00	100.00
243609.dat	0.00	2.92	12.88	25.96	52.21	80.58	96.68	100.00	100.00	100.00
243610.dat	0.00	5.33	17.20	30.68	49.20	79.98	96.08	99.60	100.00	100.00
243611.dat	2.92	12.47	27.46	40.24	61.87	89.74	98.09	100.00	100.00	100.00
243612.dat	2.72	14.49	28.67	37.93	57.55	83.20	96.88	100.00	100.00	100.00
243701.dat	1.11	12.17	31.79	41.55	58.55	81.09	97.69	100.00	100.00	100.00
243702.dat	0.50	7.55	25.35	40.14	52.72	78.97	93.66	99.40	100.00	100.00

243703.dat	0.60	8.15	26.76	35.81	49.20	75.45	91.05	99.09	100.00	100.00
243704.dat	0.00	5.84	22.13	37.02	57.14	83.50	95.27	100.00	100.00	100.00
243705.dat	1.51	8.85	22.13	40.14	64.89	85.41	95.07	100.00	100.00	100.00
243706.dat	0.00	2.82	13.68	29.78	59.76	84.21	94.97	100.00	100.00	100.00
243707.dat	0.00	0.80	10.97	28.67	48.89	79.18	93.66	100.00	100.00	100.00
243708.dat	0.00	0.80	10.16	28.17	56.14	83.90	95.57	100.00	100.00	100.00
243709.dat	0.60	2.21	10.26	28.77	56.94	83.10	95.17	100.00	100.00	100.00
243710.dat	0.60	2.41	9.56	28.67	54.12	81.29	95.77	100.00	100.00	100.00
243711.dat	0.60	1.71	5.63	17.30	42.35	74.55	95.47	100.00	100.00	100.00
243712.dat	0.00	0.91	3.02	10.26	34.81	60.76	87.32	100.00	100.00	100.00
243801.dat	0.00	1.01	4.73	17.40	50.40	73.74	90.14	98.09	100.00	100.00
243802.dat	0.00	1.01	4.33	22.33	51.11	77.57	92.76	100.00	100.00	100.00
243803.dat	0.00	0.00	2.82	10.16	37.22	61.97	81.19	92.05	100.00	100.00
243804.dat	0.00	0.50	1.61	5.63	32.19	57.55	76.76	91.05	99.20	100.00
243805.dat	0.00	0.00	1.11	4.73	29.68	52.52	75.25	90.54	98.19	100.00
243806.dat	0.00	0.00	1.51	6.94	30.38	58.55	79.38	91.25	98.09	100.00
243807.dat	0.00	0.00	0.91	9.66	32.90	63.28	79.68	91.25	97.89	100.00
243808.dat	0.00	0.00	1.11	10.87	39.24	64.49	79.68	91.45	97.89	100.00
243809.dat	0.00	0.00	1.31	9.86	35.51	62.68	79.28	91.15	97.69	100.00
243810.dat	0.00	0.00	1.01	10.26	28.97	57.55	74.85	89.34	100.00	100.00
243811.dat	0.00	0.00	0.60	9.15	24.25	50.50	69.32	85.71	100.00	100.00
243812.dat	0.00	0.00	1.51	8.05	27.77	55.13	73.94	93.76	100.00	100.00
243901.dat	0.00	0.00	3.12	11.97	33.40	58.05	76.06	93.66	100.00	100.00
243902.dat	0.00	0.00	4.33	12.47	36.22	61.47	83.00	96.48	100.00	100.00
243903.dat	0.00	1.41	6.04	15.29	41.35	68.51	88.13	98.79	100.00	100.00
243904.dat	0.00	1.21	5.84	20.02	46.38	72.84	93.56	99.60	100.00	100.00
243905.dat	0.00	1.41	6.34	22.13	46.08	71.33	92.76	99.20	100.00	100.00
243906.dat	0.00	2.01	8.55	31.39	51.21	75.45	92.96	98.99	100.00	100.00
243907.dat	0.00	2.92	12.78	38.83	57.04	78.97	93.56	100.00	100.00	100.00
243908.dat	0.00	1.41	14.39	39.03	56.74	78.77	93.56	100.00	100.00	100.00
243909.dat	0.00	0.00	10.76	33.40	52.11	71.13	87.32	99.40	100.00	100.00
243910.dat	0.00	0.00	11.97	33.00	51.31	68.31	85.81	99.09	100.00	100.00
243911.dat	0.00	7.14	17.51	40.85	61.67	75.65	88.43	98.49	100.00	100.00
243912.dat	0.50	8.85	20.62	49.70	68.51	82.60	95.88	99.50	100.00	100.00
244001.dat	0.00	8.15	18.71	42.45	61.07	76.16	87.12	99.09	100.00	100.00
244002.dat	0.00	1.61	15.39	37.22	60.16	77.36	88.33	98.39	100.00	100.00
244003.dat	0.00	3.72	23.24	45.67	70.42	87.42	96.48	100.00	100.00	100.00
244004.dat	0.00	2.52	17.91	42.96	69.72	89.13	96.88	100.00	100.00	100.00
244005.dat	0.00	3.52	19.62	51.11	75.35	92.86	98.09	100.00	100.00	100.00
244006.dat	0.00	5.53	25.55	56.54	77.67	92.96	97.99	100.00	100.00	100.00
244007.dat	0.00	5.63	26.56	57.14	80.28	94.27	98.59	100.00	100.00	100.00
244008.dat	0.00	6.34	31.49	58.55	80.78	95.07	98.49	100.00	100.00	100.00
244009.dat	0.00	1.01	18.01	44.67	73.54	92.15	97.69	99.80	100.00	100.00
244010.dat	0.00	1.81	14.29	41.15	71.03	92.56	97.59	99.40	100.00	100.00
244011.dat	0.00	1.71	10.66	37.53	68.71	91.55	97.38	99.40	100.00	100.00
244012.dat	0.00	1.81	9.15	30.48	53.32	79.07	95.98	100.00	100.00	100.00
244101.dat	0.00	2.52	8.05	28.97	49.80	74.04	92.45	99.60	100.00	100.00
244102.dat	0.10	3.12	12.17	33.00	49.20	68.61	84.51	95.17	99.60	100.00
244103.dat	0.00	2.41	12.68	30.58	48.59	65.90	78.67	90.34	99.20	100.00
244104.dat	0.00	0.40	6.94	23.04	40.14	60.06	73.24	81.69	96.78	100.00
244105.dat	0.00	0.00	4.73	19.32	33.10	50.50	68.71	79.98	96.18	100.00
244106.dat	0.00	0.20	4.33	15.79	27.97	44.06	61.37	78.27	95.88	100.00
244107.dat	0.00	0.00	3.52	13.18	24.55	42.86	57.75	76.16	95.47	100.00
244108.dat	0.00	0.00	2.92	9.36	18.31	34.51	49.70	69.62	93.16	100.00
244109.dat	0.00	0.00	0.60	5.33	19.72	33.60	48.99	75.55	96.58	100.00
244110.dat	0.00	0.00	0.60	5.03	14.29	24.95	44.87	67.81	93.16	100.00
244111.dat	0.00	0.00	0.00	1.41	10.16	19.52	39.34	62.68	90.54	100.00
244112.dat	0.00	0.00	0.00	0.50	9.36	15.49	30.48	53.12	82.29	100.00
244201.dat	0.00	0.00	0.00	0.91	9.66	19.32	37.63	58.95	88.43	100.00
244202.dat	0.00	0.00	1.01	8.05	11.87	24.55	45.67	70.82	93.36	100.00
244203.dat	0.00	0.00	3.82	9.46	14.69	31.49	51.41	75.15	96.18	100.00
244204.dat	0.00	0.40	5.84	10.46	16.30	35.01	52.21	72.64	92.35	100.00
244205.dat	0.00	0.40	4.63	7.34	12.68	26.36	43.86	68.11	90.74	100.00
244206.dat	0.00	0.00	1.81	6.64	10.46	25.65	43.96	68.61	90.95	100.00
244207.dat	0.00	0.00	1.61	6.64	10.56	25.96	45.27	68.81	91.25	100.00
244208.dat	0.00	0.00	1.61	6.24	10.16	25.05	44.47	69.32	91.95	100.00
244209.dat	0.00	0.30	3.42	8.25	17.61	38.33	56.04	79.48	95.67	100.00
244210.dat	0.00	0.91	5.03	9.86	21.43	42.25	60.06	81.79	96.88	100.00
244211.dat	0.00	0.00	0.80	5.13	11.87	35.61	57.04	80.78	95.27	100.00
244212.dat	0.00	0.00	0.40	3.72	9.66	37.22	63.78	84.41	98.49	100.00
244301.dat	0.00	0.00	0.91	2.82	10.97	32.19	54.93	81.09	97.69	100.00

244302.dat	0.00	0.00	0.60	2.31	12.68	35.01	61.47	89.84	98.09	100.00
244303.dat	0.00	0.00	0.00	2.31	17.81	36.02	62.88	88.63	97.89	100.00
244304.dat	0.00	0.00	1.51	10.16	25.75	43.86	70.82	89.13	98.19	100.00
244305.dat	0.00	0.00	2.52	14.29	29.18	49.50	76.36	92.05	98.89	100.00
244306.dat	0.00	0.00	2.62	12.98	29.38	52.01	79.38	92.25	99.30	100.00
244307.dat	0.00	0.20	4.12	16.80	31.69	54.83	81.69	93.96	99.60	100.00
244308.dat	0.00	0.00	4.43	16.90	38.83	60.87	84.91	97.69	100.00	100.00
244309.dat	0.00	0.00	6.34	22.94	48.89	67.30	90.14	99.80	100.00	100.00
244310.dat	0.00	3.22	12.88	29.98	50.20	69.11	87.93	97.99	100.00	100.00
244311.dat	0.00	4.33	16.50	34.21	56.44	74.65	92.66	100.00	100.00	100.00
244312.dat	0.00	5.33	20.22	44.57	64.79	86.52	99.40	100.00	100.00	100.00
244401.dat	0.00	4.43	16.10	45.77	68.81	91.85	99.90	100.00	100.00	100.00
244402.dat	0.00	1.21	10.26	44.37	66.20	89.94	96.78	99.40	100.00	100.00
244403.dat	0.00	1.31	8.75	39.94	65.19	89.03	96.48	99.30	100.00	100.00
244404.dat	0.40	2.82	9.36	32.90	63.88	86.52	96.38	99.90	100.00	100.00
244405.dat	0.20	2.11	9.66	37.63	73.84	91.05	96.98	99.80	100.00	100.00
244406.dat	0.40	2.92	8.45	26.46	58.85	86.52	95.47	99.80	100.00	100.00
244407.dat	0.70	3.22	8.55	26.76	58.55	82.70	94.77	99.80	100.00	100.00
244408.dat	0.70	3.32	6.74	30.38	61.57	83.20	95.37	100.00	100.00	100.00
244409.dat	0.40	2.82	5.53	24.65	61.67	81.19	95.07	99.80	100.00	100.00
244410.dat	0.91	3.22	10.26	29.58	63.28	85.31	96.88	100.00	100.00	100.00
244411.dat	1.11	4.33	14.29	30.38	65.49	87.53	94.97	97.59	100.00	100.00
244412.dat	3.22	14.29	22.84	35.21	66.60	89.54	95.57	98.19	100.00	100.00
244501.dat	3.52	17.51	27.57	47.18	78.67	96.28	100.00	100.00	100.00	100.00
244502.dat	1.61	14.08	23.64	41.05	71.53	95.07	100.00	100.00	100.00	100.00
244503.dat	0.91	11.77	23.24	37.73	67.61	90.34	100.00	100.00	100.00	100.00
244504.dat	2.11	12.47	24.75	41.05	69.32	91.85	99.70	100.00	100.00	100.00
244505.dat	1.01	9.05	20.72	34.00	63.78	86.72	99.80	100.00	100.00	100.00
244506.dat	1.81	13.08	23.04	35.51	63.18	83.60	97.69	100.00	100.00	100.00
244507.dat	2.11	13.98	22.13	36.32	60.16	83.30	96.88	99.70	100.00	100.00
244508.dat	2.52	14.19	22.43	33.30	56.54	76.66	95.98	99.50	100.00	100.00
244509.dat	0.00	9.36	20.93	34.41	56.34	73.64	92.15	98.89	100.00	100.00
244510.dat	3.52	11.47	22.43	33.00	51.31	75.55	94.57	99.09	100.00	100.00
244511.dat	0.00	1.41	15.69	29.68	44.77	70.32	90.44	98.09	100.00	100.00
244512.dat	0.00	0.40	7.95	26.26	39.34	60.16	88.33	97.59	99.60	100.00
244601.dat	0.00	0.70	5.63	18.71	38.63	67.20	87.93	97.79	99.60	100.00
244602.dat	0.00	2.52	7.34	22.43	54.83	75.15	90.44	98.89	100.00	100.00
244603.dat	0.00	3.22	9.56	20.82	44.97	72.94	87.02	95.57	99.40	100.00
244604.dat	0.30	4.73	11.77	27.97	59.05	80.78	92.05	98.39	100.00	100.00
244605.dat	0.60	5.33	11.67	25.25	56.44	78.57	89.44	97.79	99.70	100.00
244606.dat	0.10	5.23	13.78	29.28	66.60	88.13	97.08	100.00	100.00	100.00
244607.dat	0.00	3.52	10.56	25.05	63.98	86.02	93.96	99.40	100.00	100.00
244608.dat	0.00	0.30	5.03	19.72	59.05	83.90	92.86	98.09	100.00	100.00
244609.dat	0.00	0.00	3.22	14.89	56.34	80.78	91.95	97.59	100.00	100.00
244610.dat	0.00	0.00	1.51	7.75	38.53	69.11	85.61	91.95	98.49	100.00
244611.dat	0.00	0.00	1.81	9.66	35.81	67.51	85.01	93.66	98.79	100.00
244612.dat	0.00	0.00	3.02	11.57	28.77	62.37	83.50	91.85	97.89	100.00
244701.dat	0.00	0.80	4.02	16.90	34.51	65.49	83.50	92.66	98.39	100.00
244702.dat	0.00	1.11	4.43	21.43	45.67	72.64	86.92	94.77	98.89	100.00
244703.dat	0.00	1.71	7.75	30.48	50.60	77.06	91.45	98.89	100.00	100.00
244704.dat	0.40	2.31	8.55	31.29	51.51	77.16	89.54	98.39	100.00	100.00
244705.dat	0.00	0.20	6.84	38.43	65.09	77.67	91.65	96.78	100.00	100.00
244706.dat	0.00	0.30	5.33	31.59	56.44	74.95	92.15	98.19	100.00	100.00
244707.dat	0.00	1.11	8.05	32.19	51.11	75.96	92.25	97.79	99.70	100.00
244708.dat	0.00	1.01	9.56	33.90	51.51	80.28	92.96	99.09	100.00	100.00
244709.dat	0.00	1.21	7.95	33.70	54.02	80.68	93.36	99.30	100.00	100.00
244710.dat	0.10	2.21	9.76	32.49	45.57	65.49	90.74	98.39	100.00	100.00
244711.dat	0.00	1.71	11.27	33.20	46.68	73.34	92.05	98.19	99.50	100.00
244712.dat	0.00	8.45	23.04	39.03	50.60	76.46	94.27	97.79	99.30	100.00
244801.dat	0.00	10.97	26.66	40.54	52.52	76.06	92.56	98.09	99.40	100.00
244802.dat	0.20	10.46	22.13	37.22	50.20	71.33	87.53	97.38	98.89	100.00
244803.dat	0.00	5.03	24.55	40.74	54.83	73.14	88.23	96.88	98.79	100.00
244804.dat	0.00	2.31	11.17	37.93	52.72	70.72	84.51	95.88	98.89	100.00
244805.dat	0.00	2.62	13.38	37.83	52.11	67.30	84.71	93.66	99.30	100.00
244806.dat	0.00	1.61	10.46	31.99	44.67	61.07	79.18	91.65	97.48	100.00
244807.dat	1.21	4.23	14.19	34.71	47.69	63.68	79.38	90.14	96.38	100.00
244808.dat	1.41	6.84	17.51	36.72	50.00	64.19	79.78	89.84	96.48	100.00
244809.dat	3.02	10.06	19.11	37.42	50.80	62.88	78.17	91.45	96.48	100.00
244810.dat	1.11	8.65	24.65	44.47	58.15	71.63	85.92	95.07	97.99	100.00
244811.dat	6.44	23.14	37.63	48.59	62.58	73.34	86.72	95.57	99.09	100.00
244812.dat	3.72	20.82	33.90	44.77	57.24	68.21	81.19	94.37	98.39	100.00

244901.dat	1.11	6.24	21.03	40.04	53.42	68.51	83.20	93.76	98.99	100.00
244902.dat	0.60	5.63	18.01	37.93	50.91	64.79	76.86	89.84	97.28	100.00
244903.dat	0.00	3.12	12.07	34.41	48.69	64.69	76.26	88.63	96.68	100.00
244904.dat	0.40	3.32	16.50	36.52	53.52	67.20	79.28	90.24	96.68	100.00
244905.dat	0.00	2.21	13.08	34.81	49.50	66.60	77.16	88.33	96.68	100.00
244906.dat	1.11	4.02	13.18	36.22	58.65	70.93	84.10	94.57	97.79	100.00
244907.dat	1.01	3.82	12.47	33.50	57.55	70.52	84.51	94.77	97.89	100.00
244908.dat	0.60	3.42	13.58	37.83	62.27	72.43	88.63	96.18	98.99	100.00
244909.dat	0.80	4.02	14.49	35.21	62.17	74.14	89.74	96.58	98.99	100.00
244910.dat	1.41	4.63	17.81	38.73	66.90	85.71	95.17	98.49	100.00	100.00
244911.dat	1.11	4.12	16.10	45.47	68.71	85.81	94.77	98.69	100.00	100.00
244912.dat	1.11	2.72	12.78	42.96	69.62	85.31	93.36	98.79	100.00	100.00
245001.dat	0.00	1.51	5.63	24.75	60.87	81.59	90.95	97.69	100.00	100.00
245002.dat	0.00	2.62	7.04	28.47	63.88	83.40	91.35	97.79	100.00	100.00
245003.dat	0.00	1.61	8.65	31.89	62.58	80.58	88.63	96.18	98.59	100.00
245004.dat	0.00	1.91	12.68	43.76	67.30	83.00	90.14	97.28	99.90	100.00
245005.dat	0.00	0.91	16.80	47.89	70.12	87.22	97.28	100.00	100.00	100.00
245006.dat	0.40	6.04	19.01	51.51	73.04	87.93	98.09	100.00	100.00	100.00
245007.dat	0.00	4.93	17.40	46.38	66.80	87.32	98.29	99.70	100.00	100.00
245008.dat	0.00	5.94	21.03	51.61	70.02	89.34	99.20	100.00	100.00	100.00
245009.dat	0.00	3.82	19.82	50.60	70.82	89.13	98.79	100.00	100.00	100.00
245010.dat	0.10	4.23	19.01	42.96	63.88	79.48	95.07	100.00	100.00	100.00
245011.dat	0.10	2.11	14.19	34.41	55.63	80.68	95.17	100.00	100.00	100.00
245012.dat	0.80	5.43	22.03	39.13	55.53	83.00	97.18	100.00	100.00	100.00
245101.dat	3.42	14.49	33.00	41.95	51.61	73.24	88.43	98.29	100.00	100.00
245102.dat	3.32	16.50	33.10	40.64	51.91	74.04	90.85	99.50	100.00	100.00
245103.dat	3.92	20.72	36.62	43.16	59.15	77.87	90.34	99.30	100.00	100.00
245104.dat	1.31	11.37	32.39	40.95	55.23	73.84	89.44	99.40	100.00	100.00
245105.dat	4.53	15.79	34.71	44.37	58.85	77.87	88.63	99.09	100.00	100.00
245106.dat	7.04	19.42	37.73	46.58	58.45	77.36	88.33	98.59	100.00	100.00
245107.dat	6.74	16.80	36.92	45.57	56.84	74.85	88.23	98.89	100.00	100.00
245108.dat	5.03	10.97	22.74	35.81	50.20	70.93	86.82	97.69	100.00	100.00
245109.dat	6.84	12.78	25.05	38.03	51.91	72.84	86.52	96.98	100.00	100.00
245110.dat	6.04	11.97	23.64	36.72	49.09	65.49	82.39	93.16	98.79	100.00
245111.dat	4.93	10.36	20.42	34.61	45.37	63.18	83.90	94.87	99.40	100.00
245112.dat	4.02	7.65	13.68	27.16	41.25	52.21	77.67	89.54	97.69	100.00
245201.dat	3.52	6.24	12.07	21.03	39.24	57.14	77.77	95.57	99.70	100.00
245202.dat	3.72	6.54	11.67	21.33	39.64	57.14	77.67	93.76	99.80	100.00
245203.dat	3.32	6.04	8.85	17.81	28.47	56.74	80.89	97.59	100.00	100.00
245204.dat	1.51	4.33	7.24	13.38	24.75	54.43	80.99	98.19	100.00	100.00
245205.dat	0.40	3.62	6.44	13.88	24.95	53.22	79.38	94.87	100.00	100.00
245206.dat	0.20	2.72	5.13	10.56	23.94	52.11	76.26	93.36	100.00	100.00
245207.dat	0.00	2.11	7.95	15.79	27.16	54.02	77.87	93.46	100.00	100.00
245208.dat	0.00	0.40	4.63	11.17	25.15	52.72	77.36	93.76	100.00	100.00
245209.dat	0.00	1.01	5.94	10.97	26.56	55.53	78.27	93.96	98.99	100.00
245210.dat	0.00	1.71	6.64	14.89	41.85	71.83	89.54	97.38	100.00	100.00
245211.dat	0.00	0.20	7.55	27.26	45.98	71.23	92.45	99.09	100.00	100.00
245212.dat	0.00	0.00	8.15	26.16	45.17	63.68	90.95	98.29	100.00	100.00
245301.dat	0.00	1.11	5.43	18.11	42.45	64.19	90.54	98.09	100.00	100.00
245302.dat	0.00	1.41	6.14	20.32	39.74	65.49	92.56	98.69	100.00	100.00
245303.dat	0.00	1.21	8.35	21.53	39.24	62.88	91.85	98.19	100.00	100.00
245304.dat	0.00	0.30	6.34	20.93	40.54	65.49	90.64	97.99	100.00	100.00
245305.dat	0.00	0.00	4.53	17.51	36.92	62.88	87.93	97.18	100.00	100.00
245306.dat	0.00	0.00	2.72	14.99	35.71	60.26	83.10	95.27	98.69	100.00
245307.dat	0.00	0.70	3.22	14.59	34.61	56.24	83.70	96.68	98.99	100.00
245308.dat	0.00	1.41	7.24	18.21	43.36	69.62	86.92	96.78	99.20	100.00
245309.dat	0.00	1.61	7.65	19.52	48.69	70.42	86.62	96.78	99.30	100.00
245310.dat	0.00	2.62	9.36	34.31	57.95	73.74	91.95	98.19	100.00	100.00
245311.dat	0.00	2.41	10.36	34.51	59.15	73.64	92.35	97.28	99.40	100.00
245312.dat	0.60	4.63	15.49	43.86	68.51	88.63	95.37	98.59	100.00	100.00
245401.dat	1.51	5.33	17.00	41.85	73.94	88.53	92.86	97.38	100.00	100.00
245402.dat	1.91	6.34	18.31	41.95	70.12	88.63	94.77	99.70	100.00	100.00
245403.dat	0.60	7.95	21.13	41.55	73.74	89.94	95.67	100.00	100.00	100.00
245404.dat	1.91	11.87	28.67	55.53	73.14	88.63	95.57	100.00	100.00	100.00
245405.dat	2.31	13.88	31.29	56.74	72.43	88.93	95.47	100.00	100.00	100.00
245406.dat	3.12	16.70	32.19	57.14	76.06	90.74	96.58	100.00	100.00	100.00
245407.dat	4.33	16.10	31.29	55.13	75.45	90.74	96.88	100.00	100.00	100.00
245408.dat	4.23	15.29	32.19	56.24	73.64	88.13	96.38	100.00	100.00	100.00
245409.dat	3.82	12.37	29.98	52.82	73.54	85.21	95.37	100.00	100.00	100.00
245410.dat	2.72	10.46	28.17	49.40	70.62	83.00	93.86	98.99	100.00	100.00
245411.dat	3.32	12.07	31.69	54.63	69.32	79.68	88.83	97.28	100.00	100.00



245412.dat	4.23	14.59	39.44	56.84	72.94	83.20	92.96	99.60	100.00	100.00
245501.dat	2.21	11.27	30.89	61.47	83.90	96.78	100.00	100.00	100.00	100.00
245502.dat	1.71	10.16	31.09	56.64	88.13	97.69	100.00	100.00	100.00	100.00
245503.dat	2.41	11.37	34.61	61.87	88.03	97.18	100.00	100.00	100.00	100.00
245504.dat	4.53	15.49	37.02	66.50	85.21	96.68	100.00	100.00	100.00	100.00
245505.dat	4.73	17.10	38.73	68.31	91.85	97.18	100.00	100.00	100.00	100.00
245506.dat	4.63	13.58	37.93	74.95	91.85	97.28	100.00	100.00	100.00	100.00
245507.dat	3.62	8.75	29.58	72.43	90.74	95.77	98.59	100.00	100.00	100.00
245508.dat	3.42	6.64	26.76	67.51	89.74	96.98	99.20	100.00	100.00	100.00
245509.dat	1.51	5.53	18.81	63.28	88.33	96.18	100.00	100.00	100.00	100.00
245510.dat	2.11	6.04	22.03	64.99	84.00	91.65	97.59	100.00	100.00	100.00
245511.dat	1.71	6.54	20.82	63.38	82.80	89.64	93.86	100.00	100.00	100.00
245512.dat	0.20	4.73	12.98	32.09	63.08	81.99	92.25	100.00	100.00	100.00
245601.dat	0.00	2.11	11.27	27.16	57.24	79.48	94.06	100.00	100.00	100.00
245602.dat	0.00	1.21	9.86	25.05	55.53	77.26	96.98	100.00	100.00	100.00
245603.dat	0.10	4.93	17.91	47.08	63.18	83.20	93.06	98.79	100.00	100.00
245604.dat	0.30	3.52	15.19	39.84	62.58	84.00	95.37	99.50	100.00	100.00
245605.dat	1.21	4.53	13.88	31.99	50.30	75.45	94.27	99.30	100.00	100.00
245606.dat	1.21	4.12	13.38	38.13	55.43	78.57	93.86	99.30	100.00	100.00
245607.dat	2.72	5.63	19.72	39.44	52.82	78.47	94.77	99.30	100.00	100.00
245608.dat	3.22	10.76	22.13	39.84	53.72	79.88	96.48	99.60	100.00	100.00
245609.dat	6.04	18.41	31.19	42.25	55.73	80.99	95.57	99.30	100.00	100.00
245610.dat	6.34	17.91	29.18	39.94	49.09	66.20	89.44	97.99	100.00	100.00
245611.dat	7.65	19.92	31.99	41.15	52.21	75.25	94.87	99.50	100.00	100.00
245612.dat	6.84	18.71	30.08	41.95	56.14	79.98	91.05	98.59	100.00	100.00
245701.dat	6.24	13.68	26.96	41.65	58.25	78.17	90.14	98.69	100.00	100.00
245702.dat	6.64	15.90	31.59	43.56	55.84	72.43	87.42	97.28	100.00	100.00
245703.dat	4.73	11.67	25.25	40.04	51.51	65.29	80.48	95.17	99.70	100.00
245704.dat	2.62	9.76	17.81	31.69	49.40	66.70	85.41	96.18	100.00	100.00
245705.dat	0.40	8.15	13.98	26.96	37.02	54.43	74.35	93.86	100.00	100.00
245706.dat	0.30	7.34	14.89	26.06	37.42	54.83	73.94	93.86	100.00	100.00
245707.dat	1.01	6.24	17.10	25.05	42.05	58.25	80.28	95.67	100.00	100.00
245708.dat	2.52	7.55	15.39	25.86	41.85	55.03	77.06	96.08	100.00	100.00
245709.dat	3.02	7.55	15.39	26.66	42.86	56.04	79.98	95.67	99.80	100.00
245710.dat	0.00	0.80	6.44	15.09	38.93	51.21	77.97	93.96	99.50	100.00
245711.dat	0.00	0.00	4.83	13.78	37.63	60.26	86.42	94.87	99.40	100.00
245712.dat	0.00	0.00	4.12	18.81	52.11	76.26	93.36	98.19	100.00	100.00
245801.dat	0.00	0.00	6.84	31.99	62.78	83.80	96.48	99.60	100.00	100.00
245802.dat	0.00	0.00	0.80	14.89	45.88	78.97	93.46	99.50	100.00	100.00
245803.dat	0.00	0.00	0.10	4.93	30.18	62.88	90.24	99.09	100.00	100.00
245804.dat	0.00	0.00	0.00	2.11	27.36	56.84	82.70	97.38	100.00	100.00
245805.dat	0.00	0.00	0.50	8.15	30.68	61.07	86.72	98.79	100.00	100.00
245806.dat	0.00	0.00	1.31	6.74	26.36	54.63	80.38	97.08	100.00	100.00
245807.dat	0.00	0.00	2.11	9.36	29.18	54.23	78.67	96.88	99.90	100.00
245808.dat	0.00	0.00	0.50	6.54	25.05	52.62	80.28	96.78	100.00	100.00
245809.dat	0.00	0.00	0.00	5.94	21.13	42.15	73.44	94.47	99.90	100.00
245810.dat	0.00	0.00	1.71	12.27	25.96	45.37	82.90	98.59	99.90	100.00
245811.dat	0.00	0.00	0.00	4.33	18.61	33.50	73.14	98.09	99.90	100.00
245812.dat	0.00	0.00	0.00	5.43	18.91	33.20	73.54	95.77	99.90	100.00
245901.dat	0.00	0.00	1.81	8.45	21.83	43.96	70.52	92.35	98.59	100.00
245902.dat	0.00	0.00	0.00	4.53	17.10	40.34	65.69	91.35	97.79	100.00
245903.dat	0.00	0.00	1.41	9.36	23.24	49.30	79.28	94.47	98.79	100.00
245904.dat	0.00	0.00	4.93	14.59	28.47	55.43	85.51	95.98	99.70	100.00
245905.dat	0.00	4.63	10.87	22.64	38.33	67.00	90.74	97.59	100.00	100.00
245906.dat	0.00	5.43	12.58	23.74	38.73	68.51	92.05	98.39	100.00	100.00
245907.dat	0.20	5.53	15.19	26.36	40.34	70.12	92.66	98.49	100.00	100.00
245908.dat	0.00	6.94	16.80	25.96	44.47	71.93	92.86	98.49	100.00	100.00
245909.dat	0.00	1.31	10.36	21.23	36.52	63.98	87.12	95.67	99.50	100.00
245910.dat	0.70	6.24	14.39	25.25	42.96	73.44	90.64	96.98	99.20	100.00
245911.dat	3.42	10.06	18.81	31.69	51.41	76.06	89.34	93.16	98.09	100.00
245912.dat	1.61	8.95	21.03	33.10	55.43	79.28	90.14	95.07	98.99	100.00
246001.dat	2.21	9.36	22.23	35.51	54.63	78.27	89.44	96.88	99.80	100.00
246002.dat	2.52	10.87	24.55	41.55	64.59	81.89	91.75	97.79	99.60	100.00
246003.dat	4.83	11.57	23.74	54.53	70.12	84.00	90.54	96.48	99.50	100.00
246004.dat	3.42	14.59	30.58	58.25	76.76	86.42	91.25	97.18	99.60	100.00
246005.dat	3.02	16.40	33.10	55.73	76.66	86.32	89.54	94.37	99.09	100.00
246006.dat	4.93	20.52	40.85	65.29	79.98	88.33	90.95	96.68	99.30	100.00
246007.dat	4.73	19.82	42.96	65.59	80.18	89.44	92.25	97.69	99.30	100.00
246008.dat	8.45	23.94	45.57	66.20	80.78	88.23	91.25	95.57	99.20	100.00
246009.dat	9.05	25.75	50.30	73.24	84.10	88.93	91.25	96.38	99.30	100.00
246010.dat	6.84	18.01	43.86	69.52	82.60	88.23	91.35	97.08	99.90	100.00

246011.dat	2.31	7.24	30.99	66.30	80.78	88.93	93.16	98.99	100.00	100.00
246012.dat	1.61	6.24	28.37	62.27	84.21	90.95	96.08	100.00	100.00	100.00
246101.dat	2.31	8.05	41.65	71.43	86.82	92.86	100.00	100.00	100.00	100.00
246102.dat	4.33	21.83	46.88	69.11	84.51	90.54	95.17	100.00	100.00	100.00
246103.dat	0.91	13.98	39.03	59.96	79.28	89.74	94.47	100.00	100.00	100.00
246104.dat	0.91	14.08	37.32	60.36	78.27	89.13	94.57	100.00	100.00	100.00
246105.dat	0.30	17.51	37.32	60.36	78.47	88.83	93.96	100.00	100.00	100.00
246106.dat	0.30	19.42	37.02	62.58	79.28	88.93	94.57	100.00	100.00	100.00
246107.dat	0.00	16.50	35.31	61.17	78.17	87.53	93.86	100.00	100.00	100.00
246108.dat	0.00	10.56	30.68	61.37	77.06	87.63	94.16	99.90	100.00	100.00
246109.dat	0.00	11.47	34.10	59.26	78.17	88.13	97.38	99.40	100.00	100.00
246110.dat	0.00	8.65	35.41	60.26	76.86	89.64	98.59	99.80	100.00	100.00
246111.dat	0.00	3.62	27.46	50.60	71.03	89.94	98.79	99.60	100.00	100.00
246112.dat	0.00	5.43	24.04	47.99	65.90	83.90	95.98	99.60	100.00	100.00
246201.dat	0.00	4.83	25.96	50.60	69.72	88.03	97.69	99.60	100.00	100.00
246202.dat	0.00	0.00	11.67	38.03	70.02	91.45	97.89	99.60	100.00	100.00
246203.dat	0.00	0.00	11.57	40.34	74.35	94.27	98.29	99.80	100.00	100.00
246204.dat	0.00	0.50	14.49	44.47	76.46	94.77	98.39	99.70	100.00	100.00
246205.dat	0.00	0.00	9.46	33.20	74.25	93.26	98.99	99.70	100.00	100.00
246206.dat	0.00	0.00	9.05	30.48	72.23	91.65	98.79	99.50	100.00	100.00
246207.dat	0.00	0.00	9.26	26.86	65.39	89.74	98.69	99.20	100.00	100.00
246208.dat	0.00	0.20	12.68	29.18	66.20	90.34	98.69	99.09	99.70	100.00
246209.dat	0.00	3.72	11.17	26.66	59.15	88.43	98.39	99.09	99.70	100.00
246210.dat	0.00	4.93	11.57	23.44	51.91	83.30	97.79	99.09	100.00	100.00
246211.dat	0.80	6.14	14.39	35.51	63.28	90.24	98.49	99.09	99.90	100.00
246212.dat	0.00	3.32	13.48	33.60	58.05	87.12	98.59	99.09	100.00	100.00
246301.dat	0.00	3.92	13.58	26.96	56.94	88.43	98.29	99.09	99.70	100.00
246302.dat	0.00	0.00	8.95	25.96	59.15	93.56	98.29	99.09	100.00	100.00
246303.dat	0.00	0.00	11.57	28.97	63.48	95.37	98.69	99.70	100.00	100.00
246304.dat	0.00	0.00	8.15	25.35	47.59	85.31	98.39	99.80	100.00	100.00
246305.dat	0.00	0.00	11.07	30.38	49.09	83.20	98.79	99.70	100.00	100.00
246306.dat	0.00	0.00	8.85	22.33	42.25	71.83	92.05	98.39	99.60	100.00
246307.dat	0.00	0.10	10.36	22.74	42.96	75.05	94.67	98.69	99.70	100.00
246308.dat	0.00	0.10	5.23	22.94	44.27	76.56	94.57	98.49	99.70	100.00
246309.dat	0.00	0.20	4.23	22.54	46.88	76.66	95.07	98.79	100.00	100.00
246310.dat	0.00	0.60	3.22	21.03	48.79	74.95	95.77	99.30	100.00	100.00
246311.dat	0.00	0.70	3.22	16.10	41.85	70.22	94.06	98.49	100.00	100.00
246312.dat	0.10	1.21	5.43	24.14	52.31	75.86	95.17	98.79	100.00	100.00
246401.dat	0.40	2.82	11.37	25.45	44.57	66.80	93.16	98.49	100.00	100.00
246402.dat	1.11	5.53	20.62	37.83	59.36	85.21	97.69	99.30	100.00	100.00
246403.dat	0.60	4.43	18.31	36.82	62.47	88.43	97.79	99.40	100.00	100.00
246404.dat	0.00	3.02	12.07	31.29	60.46	84.00	96.68	99.09	100.00	100.00
246405.dat	0.00	3.02	13.28	33.10	67.61	86.92	98.29	100.00	100.00	100.00
246406.dat	0.00	3.32	12.37	26.26	56.24	77.06	93.46	98.99	100.00	100.00
246407.dat	0.00	1.91	10.36	24.35	56.74	79.78	92.86	98.99	100.00	100.00
246408.dat	0.00	0.40	4.73	15.90	51.11	79.48	93.76	99.09	100.00	100.00
246409.dat	0.00	0.50	4.43	17.91	52.11	78.87	92.56	99.09	100.00	100.00
246410.dat	0.00	0.80	4.43	32.60	66.30	86.22	96.18	99.09	100.00	100.00
246411.dat	0.00	0.60	3.22	22.43	52.82	84.91	95.77	98.99	100.00	100.00
246412.dat	0.00	0.60	1.61	12.98	28.07	56.24	85.61	95.57	98.59	100.00
246501.dat	0.00	0.50	1.41	10.16	26.26	44.77	73.44	92.86	98.49	100.00
246502.dat	0.00	0.60	2.52	9.56	29.28	53.12	78.17	96.18	98.69	100.00
246503.dat	0.10	0.70	3.02	9.86	33.70	62.27	85.41	96.78	99.09	100.00
246504.dat	0.00	0.91	1.61	6.14	30.38	64.08	86.92	96.68	98.49	100.00
246505.dat	0.00	0.20	0.70	6.24	28.17	59.96	86.12	97.08	98.69	100.00
246506.dat	0.00	0.00	0.91	6.04	26.26	61.97	88.93	98.59	99.90	100.00
246507.dat	0.00	0.00	0.00	5.03	23.04	51.81	85.31	98.19	99.60	100.00
246508.dat	0.00	0.00	0.60	5.53	24.95	52.82	78.57	95.77	99.20	100.00
246509.dat	0.00	0.00	1.51	9.05	26.76	50.00	77.26	94.37	99.40	100.00
246510.dat	0.00	0.00	4.83	15.59	32.49	54.33	82.29	96.88	99.70	100.00
246511.dat	0.00	0.00	0.30	6.44	33.10	59.76	81.69	96.68	100.00	100.00
246512.dat	0.00	0.00	0.30	1.01	14.69	45.27	75.05	94.87	100.00	100.00
246601.dat	0.00	0.00	0.30	1.01	20.72	49.70	78.17	95.27	100.00	100.00
246602.dat	0.00	0.00	0.30	1.01	12.17	45.98	73.94	93.06	100.00	100.00
246603.dat	0.00	0.00	0.60	1.11	15.39	49.70	78.07	95.27	100.00	100.00
246604.dat	0.00	0.10	0.80	2.01	24.35	59.26	82.49	98.09	100.00	100.00
246605.dat	0.00	0.60	1.11	3.62	31.79	65.39	85.81	98.89	100.00	100.00
246606.dat	0.00	0.50	2.62	11.97	48.99	71.63	88.13	98.89	100.00	100.00
246607.dat	0.00	0.60	2.72	12.68	47.08	72.13	90.74	99.70	100.00	100.00
246608.dat	0.00	0.30	3.42	14.49	49.80	75.65	94.87	99.50	100.00	100.00
246609.dat	0.00	0.00	2.31	14.59	48.89	77.06	94.87	99.09	100.00	100.00

246610.dat	0.00	0.00	2.11	14.69	45.98	73.84	92.86	98.89	100.00	100.00
246611.dat	0.00	0.20	3.22	17.10	47.69	74.65	92.86	99.40	100.00	100.00
246612.dat	0.00	1.71	7.04	30.68	59.15	77.46	94.27	99.70	100.00	100.00
246701.dat	0.00	2.11	9.96	28.57	57.24	79.38	94.87	100.00	100.00	100.00
246702.dat	0.00	2.92	10.76	30.48	60.26	82.49	98.29	100.00	100.00	100.00
246703.dat	0.00	0.50	7.65	23.04	49.30	80.08	97.69	100.00	100.00	100.00
246704.dat	0.00	0.80	5.84	21.53	50.40	84.31	98.29	100.00	100.00	100.00
246705.dat	0.40	0.60	5.84	19.92	49.70	83.30	98.79	100.00	100.00	100.00
246706.dat	0.00	0.40	4.93	18.41	40.24	75.96	98.49	100.00	100.00	100.00
246707.dat	0.00	0.00	5.73	17.51	40.34	79.68	98.49	100.00	100.00	100.00
246708.dat	0.00	3.02	10.46	27.87	52.41	83.50	98.99	100.00	100.00	100.00
246709.dat	0.00	3.82	11.97	30.48	56.64	84.61	98.79	100.00	100.00	100.00
246710.dat	0.00	0.70	7.04	22.23	55.43	82.49	97.79	99.70	100.00	100.00
246711.dat	0.00	2.01	10.66	32.90	66.50	92.35	98.79	99.80	100.00	100.00
246712.dat	0.00	0.91	9.56	29.68	71.63	95.47	99.09	100.00	100.00	100.00
246801.dat	0.00	2.21	14.49	31.79	70.93	96.08	98.99	100.00	100.00	100.00
246802.dat	0.00	0.91	7.75	24.04	63.88	95.67	98.49	100.00	100.00	100.00
246803.dat	0.00	1.71	9.56	24.75	57.44	92.05	97.99	99.60	100.00	100.00
246804.dat	0.00	1.51	8.95	24.55	52.52	86.22	97.69	99.60	100.00	100.00
246805.dat	0.00	0.91	4.83	20.52	45.47	84.10	97.28	99.60	100.00	100.00
246806.dat	0.00	0.80	4.83	20.72	40.64	78.67	95.37	99.20	100.00	100.00
246807.dat	0.00	1.71	7.04	20.22	36.22	75.96	94.77	100.00	100.00	100.00
246808.dat	0.00	0.30	2.82	13.68	31.89	65.59	85.81	97.79	100.00	100.00
246809.dat	0.00	0.10	4.12	15.19	35.61	68.61	88.93	97.69	100.00	100.00
246810.dat	0.00	0.00	2.52	12.27	30.38	60.36	89.84	96.58	100.00	100.00
246811.dat	0.00	0.00	2.72	11.47	33.00	63.98	88.83	96.38	100.00	100.00
246812.dat	0.00	0.00	3.62	17.00	37.73	68.31	90.74	98.79	100.00	100.00
246901.dat	0.00	0.00	1.31	9.66	23.64	51.31	82.70	98.29	100.00	100.00
246902.dat	0.00	0.00	0.80	8.15	17.40	38.93	67.00	89.24	96.68	100.00
246903.dat	0.00	0.00	0.70	7.95	17.91	42.76	77.87	90.44	99.90	100.00
246904.dat	0.00	0.60	2.82	8.25	19.62	47.79	81.79	96.78	100.00	100.00
246905.dat	0.00	0.00	2.21	7.34	22.74	55.73	84.91	98.09	100.00	100.00
246906.dat	0.00	0.00	0.30	4.33	24.35	55.63	87.02	97.99	100.00	100.00
246907.dat	0.00	0.00	0.00	4.73	25.35	59.36	86.42	97.79	100.00	100.00
246908.dat	0.00	0.00	0.00	3.82	27.06	58.05	85.71	97.79	100.00	100.00
246909.dat	0.00	0.00	0.10	5.13	26.56	61.07	84.71	98.79	100.00	100.00
246910.dat	0.00	0.00	0.00	2.72	17.40	51.91	87.32	99.70	100.00	100.00
246911.dat	0.00	0.00	0.00	3.02	22.23	56.54	89.03	99.60	100.00	100.00
246912.dat	0.00	0.00	0.20	5.73	24.14	53.32	93.26	99.80	100.00	100.00
247001.dat	0.00	0.00	0.10	6.84	16.60	38.13	75.65	96.28	99.90	100.00
247002.dat	0.00	0.00	0.50	8.25	20.62	46.98	81.99	97.69	100.00	100.00
247003.dat	0.00	0.00	0.60	3.92	15.79	45.88	80.08	97.69	100.00	100.00
247004.dat	0.00	0.00	0.80	4.73	18.01	43.86	75.96	97.89	100.00	100.00
247005.dat	0.00	0.00	1.01	6.04	21.83	52.11	79.38	98.09	100.00	100.00
247006.dat	0.00	0.00	0.60	5.43	19.72	50.00	75.96	96.08	100.00	100.00
247007.dat	0.00	0.00	0.20	6.04	22.84	45.17	71.53	94.87	100.00	100.00
247008.dat	0.00	0.00	1.71	10.06	28.87	56.34	80.89	97.89	100.00	100.00
247009.dat	0.00	0.00	0.80	4.93	18.91	52.11	78.27	97.99	100.00	100.00
247010.dat	0.00	0.00	0.50	3.82	20.32	55.13	79.48	98.89	100.00	100.00
247011.dat	0.00	0.00	1.11	4.12	18.31	48.09	77.57	92.56	99.90	100.00
247012.dat	0.00	0.00	1.21	5.53	23.04	47.18	77.87	90.14	99.09	100.00
247101.dat	0.00	0.00	1.71	7.65	32.39	66.10	95.77	99.09	100.00	100.00
247102.dat	0.00	0.00	3.82	14.69	45.88	81.09	98.09	99.40	100.00	100.00
247103.dat	0.00	0.40	4.73	17.30	41.25	74.35	95.17	98.19	99.40	100.00
247104.dat	0.00	0.00	4.73	18.31	42.56	72.84	92.56	98.19	99.30	100.00
247105.dat	0.00	0.00	6.14	13.48	37.93	63.08	87.12	95.27	98.39	100.00
247106.dat	0.00	0.00	6.54	19.82	44.77	76.26	90.04	96.48	98.39	100.00
247107.dat	0.00	1.21	8.55	22.23	48.79	76.66	91.35	96.58	98.39	100.00
247108.dat	0.20	2.41	7.55	17.71	44.77	72.74	89.34	96.18	98.39	100.00
247109.dat	0.00	1.41	7.14	17.51	42.45	69.22	87.12	95.57	97.99	100.00
247110.dat	0.00	0.00	4.23	13.88	41.95	68.21	89.64	96.48	98.39	100.00
247111.dat	0.00	0.00	5.53	15.19	38.93	60.46	82.39	95.07	97.99	100.00
247112.dat	0.00	0.00	1.51	8.85	34.10	56.94	82.60	95.47	98.39	100.00
247201.dat	0.00	0.00	1.51	19.01	47.08	64.59	90.54	97.38	98.99	100.00
247202.dat	0.00	0.00	5.03	23.14	46.68	62.58	81.69	96.78	98.39	100.00
247203.dat	0.00	1.91	19.01	37.73	50.00	62.78	80.08	93.76	97.48	100.00
247204.dat	0.00	3.82	19.92	40.14	50.91	66.20	80.28	92.76	97.69	100.00
247205.dat	0.00	3.12	18.31	39.34	51.11	65.69	81.19	92.15	97.18	100.00
247206.dat	0.00	2.01	12.78	39.13	53.42	68.31	83.20	91.55	97.38	100.00
247207.dat	0.00	1.81	18.21	43.16	57.85	72.54	85.11	91.55	97.69	100.00
247208.dat	0.00	5.53	20.62	43.66	55.53	71.53	84.81	91.25	97.28	100.00

247209.dat	2.31	10.56	25.65	42.86	56.64	71.43	84.91	90.85	97.18	100.00
247210.dat	0.00	0.30	8.25	28.07	44.97	66.20	83.30	91.75	97.59	100.00
247211.dat	0.00	0.50	6.74	28.57	48.09	73.24	89.03	95.57	99.20	100.00
247212.dat	0.00	2.21	13.78	23.14	43.96	72.54	87.42	94.97	99.60	100.00
247301.dat	0.00	0.00	5.13	18.71	42.86	74.25	90.14	98.69	99.50	100.00
247302.dat	0.00	0.00	2.31	10.56	30.38	72.54	91.55	98.69	99.70	100.00
247303.dat	0.00	0.00	1.91	9.46	26.66	60.66	89.64	98.19	100.00	100.00
247304.dat	0.00	0.91	2.62	11.17	32.39	63.68	91.35	99.09	100.00	100.00
247305.dat	0.10	1.61	4.93	17.91	41.25	71.63	89.94	100.00	100.00	100.00
247306.dat	0.00	1.51	6.64	22.03	43.86	72.23	87.32	100.00	100.00	100.00
247307.dat	0.00	1.11	6.44	20.62	42.86	68.71	87.02	99.09	100.00	100.00
247308.dat	0.30	1.71	7.55	22.03	47.79	72.64	94.77	100.00	100.00	100.00
247309.dat	0.50	2.41	7.55	24.04	50.50	73.14	97.99	100.00	100.00	100.00
247310.dat	0.60	2.52	6.54	24.95	49.90	90.34	99.90	100.00	100.00	100.00
247311.dat	0.00	1.11	4.23	13.28	38.43	75.55	99.50	100.00	100.00	100.00
247312.dat	0.00	0.60	6.44	18.21	41.65	76.06	99.50	100.00	100.00	100.00
247401.dat	0.00	0.70	3.52	11.67	32.39	62.88	94.16	100.00	100.00	100.00
247402.dat	0.00	0.91	3.82	13.38	33.00	63.68	93.66	100.00	100.00	100.00
247403.dat	0.20	0.91	3.12	10.26	24.75	56.24	86.32	99.50	100.00	100.00
247404.dat	0.00	0.91	2.72	8.55	23.44	54.23	83.50	98.59	100.00	100.00
247405.dat	0.00	0.40	2.72	10.36	26.66	57.44	84.91	98.39	100.00	100.00
247406.dat	0.00	1.31	4.73	14.59	35.11	66.20	87.32	98.49	100.00	100.00
247407.dat	0.00	1.21	3.42	12.68	27.97	62.98	85.92	97.18	100.00	100.00
247408.dat	0.00	0.30	3.82	13.78	32.60	68.51	87.83	97.18	100.00	100.00
247409.dat	0.10	1.11	6.84	17.71	38.03	73.64	88.73	98.29	100.00	100.00
247410.dat	0.00	0.60	8.55	26.16	57.65	79.78	89.74	99.30	100.00	100.00
247411.dat	0.00	1.01	10.76	29.88	59.36	80.28	97.18	100.00	100.00	100.00
247412.dat	0.00	1.01	12.17	34.51	63.78	81.29	96.08	100.00	100.00	100.00
247501.dat	0.00	2.21	11.97	38.13	62.37	85.71	98.59	100.00	100.00	100.00
247502.dat	0.00	1.11	16.60	38.53	60.26	79.68	92.96	99.09	100.00	100.00
247503.dat	0.30	8.25	17.20	39.64	61.17	76.46	90.64	97.89	100.00	100.00
247504.dat	0.00	2.72	12.98	36.02	58.45	72.54	87.42	96.78	100.00	100.00
247505.dat	0.00	3.72	12.78	30.89	55.33	72.23	86.92	96.18	99.90	100.00
247506.dat	0.00	4.53	14.89	31.49	51.21	68.81	85.71	95.27	100.00	100.00
247507.dat	0.00	0.60	11.27	28.07	45.67	67.51	85.11	93.96	100.00	100.00
247508.dat	0.10	2.52	14.69	28.37	44.37	64.69	81.59	92.25	99.80	100.00
247509.dat	0.00	0.60	9.26	27.87	51.11	68.31	85.61	94.67	100.00	100.00
247510.dat	0.00	0.70	7.75	21.73	42.86	62.68	82.19	92.45	99.40	100.00
247511.dat	0.10	0.80	7.75	23.84	52.62	79.18	90.95	99.30	100.00	100.00
247512.dat	0.00	0.10	4.33	25.05	62.98	82.39	91.95	99.80	100.00	100.00
247601.dat	0.20	4.43	18.81	46.68	74.55	88.03	96.98	100.00	100.00	100.00
247602.dat	0.00	1.01	3.12	29.28	67.40	87.63	96.08	100.00	100.00	100.00
247603.dat	0.00	1.81	11.47	45.17	74.55	90.14	98.49	100.00	100.00	100.00
247604.dat	0.80	1.71	9.76	40.74	75.96	89.24	98.89	100.00	100.00	100.00
247605.dat	0.00	1.31	7.55	35.11	71.23	88.23	98.89	100.00	100.00	100.00
247606.dat	0.00	1.31	7.44	29.58	66.50	85.92	97.08	99.90	100.00	100.00
247607.dat	0.00	0.60	7.85	28.77	66.30	86.52	95.77	99.70	100.00	100.00
247608.dat	0.00	0.00	6.44	24.14	56.74	82.60	94.27	100.00	100.00	100.00
247609.dat	0.00	0.00	3.32	10.06	44.97	76.16	91.75	97.89	100.00	100.00
247610.dat	0.00	0.00	5.63	21.03	54.83	78.27	91.65	98.69	100.00	100.00
247611.dat	0.00	0.00	7.14	23.44	60.46	84.21	95.67	99.40	100.00	100.00
247612.dat	0.00	3.02	10.97	39.24	71.53	92.86	97.08	100.00	100.00	100.00
247701.dat	0.20	5.84	17.51	40.85	83.10	94.57	97.89	100.00	100.00	100.00
247702.dat	5.03	12.78	26.36	60.46	89.03	94.97	98.49	100.00	100.00	100.00
247703.dat	8.75	19.32	37.53	73.34	90.14	95.57	98.19	100.00	100.00	100.00
247704.dat	12.37	24.75	53.62	80.99	93.16	97.38	99.70	100.00	100.00	100.00
247705.dat	9.86	22.23	42.15	74.25	91.65	97.28	99.60	100.00	100.00	100.00
247706.dat	10.06	26.26	45.27	71.93	91.65	96.98	98.99	100.00	100.00	100.00
247707.dat	8.85	23.64	49.60	74.04	92.56	98.09	99.20	100.00	100.00	100.00
247708.dat	8.85	18.41	41.55	68.21	88.33	95.27	98.69	99.60	100.00	100.00
247709.dat	6.54	14.49	32.90	60.76	86.62	95.27	98.79	99.90	100.00	100.00
247710.dat	10.26	21.53	48.39	71.53	91.05	96.48	98.79	99.90	100.00	100.00
247711.dat	10.26	19.92	44.27	73.54	92.35	96.58	98.89	99.90	100.00	100.00
247712.dat	4.53	14.19	28.37	59.86	88.53	95.77	98.29	99.60	100.00	100.00
247801.dat	0.00	2.11	22.64	46.78	73.74	90.14	96.58	99.50	100.00	100.00
247802.dat	0.00	2.21	21.93	48.39	70.72	86.92	96.28	99.40	100.00	100.00
247803.dat	0.00	2.01	15.90	38.73	63.68	77.97	89.13	96.58	99.70	100.00
247804.dat	0.00	1.11	11.47	30.38	55.33	72.54	85.71	94.67	99.40	100.00
247805.dat	0.00	0.70	7.24	25.05	52.31	73.44	86.32	94.87	99.80	100.00
247806.dat	0.00	0.80	7.65	26.96	54.83	74.75	86.52	95.27	100.00	100.00
247807.dat	0.00	1.11	9.46	27.36	56.64	75.96	88.93	96.38	100.00	100.00

247808.dat	0.00	1.71	13.58	34.51	61.57	78.17	88.03	95.77	100.00	100.00
247809.dat	0.80	2.52	9.15	29.98	58.05	82.39	91.75	97.79	100.00	100.00
247810.dat	0.00	1.31	10.16	33.50	61.17	81.89	91.45	97.99	100.00	100.00
247811.dat	0.00	0.10	3.32	19.52	46.68	68.21	88.23	97.38	100.00	100.00
247812.dat	0.00	0.00	1.41	10.97	38.33	60.66	79.58	95.37	100.00	100.00
247901.dat	0.00	0.00	1.51	6.04	26.56	51.71	70.52	88.33	98.99	100.00
247902.dat	0.00	0.00	0.40	3.62	14.29	41.65	65.79	84.41	97.69	100.00
247903.dat	0.00	0.00	1.11	4.33	13.78	37.93	62.88	76.46	92.15	100.00
247904.dat	0.00	0.00	0.70	3.62	9.86	30.58	58.15	75.25	92.66	100.00
247905.dat	0.00	0.30	1.31	3.32	12.78	39.64	60.66	75.05	93.66	100.00
247906.dat	0.00	0.20	1.31	3.32	14.19	42.96	61.17	76.06	93.66	100.00
247907.dat	0.00	0.20	1.31	3.92	22.94	48.19	64.49	78.57	94.16	100.00
247908.dat	0.00	0.30	1.81	4.02	22.94	47.89	66.20	80.08	95.17	100.00
247909.dat	0.00	0.40	2.21	9.15	34.00	51.91	70.42	84.71	95.77	100.00
247910.dat	0.00	0.20	1.61	4.53	22.43	47.69	66.60	84.51	96.08	100.00
247911.dat	0.00	1.21	3.32	8.15	27.26	47.69	66.30	83.50	95.88	100.00
247912.dat	0.00	0.10	4.12	16.40	38.33	53.92	68.91	90.74	100.00	100.00
248001.dat	0.00	0.00	3.42	11.27	28.37	51.11	73.04	87.12	99.70	100.00
248002.dat	0.00	0.00	2.62	12.68	26.16	48.09	69.72	86.52	95.67	100.00
248003.dat	0.00	0.00	1.41	9.36	25.86	52.62	75.86	89.74	99.09	100.00
248004.dat	0.00	0.20	3.82	15.29	41.15	65.49	79.28	88.93	98.39	100.00
248005.dat	0.00	0.00	3.92	10.16	25.35	54.02	78.27	89.54	98.39	100.00
248006.dat	0.00	0.00	2.62	7.75	21.13	45.88	76.26	89.44	98.19	100.00
248007.dat	0.00	0.00	3.52	9.05	20.22	46.28	77.57	90.04	98.49	100.00
248008.dat	0.00	0.30	5.13	11.67	21.43	46.98	78.37	89.84	98.09	100.00
248009.dat	0.00	1.91	7.14	12.68	22.74	52.41	78.37	87.63	96.98	100.00
248010.dat	0.00	1.31	6.04	11.07	19.72	49.80	75.86	89.24	97.18	100.00
248011.dat	0.00	0.00	3.62	9.76	24.45	57.65	82.90	96.48	100.00	100.00
248012.dat	0.00	0.00	0.00	5.84	23.84	59.56	87.42	99.80	100.00	100.00
248101.dat	0.00	0.00	0.00	10.06	34.61	69.01	95.57	100.00	100.00	100.00
248102.dat	0.00	0.00	0.10	10.36	43.46	74.55	95.37	100.00	100.00	100.00
248103.dat	0.00	0.00	0.00	9.15	40.04	76.46	94.47	100.00	100.00	100.00
248104.dat	0.00	0.00	0.10	9.76	37.53	72.94	94.77	100.00	100.00	100.00
248105.dat	0.00	0.00	1.01	11.17	31.59	68.21	87.63	98.69	100.00	100.00
248106.dat	0.00	0.30	2.11	10.87	27.97	64.99	85.61	96.48	100.00	100.00
248107.dat	0.00	0.00	0.50	6.84	24.95	63.48	84.71	95.57	100.00	100.00
248108.dat	0.00	0.00	0.20	9.46	31.19	70.02	92.35	98.99	100.00	100.00
248109.dat	0.00	0.00	0.30	7.14	28.37	61.67	87.83	97.99	100.00	100.00
248110.dat	0.00	0.00	0.50	7.24	23.14	56.54	80.99	98.99	100.00	100.00
248111.dat	0.00	0.00	0.30	3.42	18.61	48.49	77.77	96.98	100.00	100.00
248112.dat	0.00	0.00	0.50	4.33	15.39	40.85	68.01	89.94	98.79	100.00
248201.dat	0.00	0.10	1.11	6.84	18.11	49.09	77.97	93.46	99.40	100.00
248202.dat	0.00	0.70	4.33	19.52	35.81	57.14	81.69	93.96	99.80	100.00
248203.dat	0.00	0.40	2.62	14.89	28.77	50.60	83.90	93.56	100.00	100.00
248204.dat	0.20	0.80	5.63	16.60	28.47	46.38	81.19	92.66	100.00	100.00
248205.dat	0.30	0.91	5.84	17.91	33.10	60.76	89.74	98.89	100.00	100.00
248206.dat	0.00	0.60	4.73	15.79	33.30	60.26	89.84	99.09	100.00	100.00
248207.dat	0.00	0.40	2.62	13.18	29.38	54.53	88.73	97.38	100.00	100.00
248208.dat	0.00	0.40	2.11	10.87	26.46	53.02	88.03	96.68	100.00	100.00
248209.dat	0.00	0.00	0.80	6.04	18.81	38.33	77.36	95.77	100.00	100.00
248210.dat	0.00	0.00	0.80	6.94	18.81	33.40	65.69	91.25	99.50	100.00
248211.dat	0.00	0.00	0.20	2.62	10.76	30.18	59.26	88.73	99.70	100.00
248212.dat	0.00	0.00	0.00	0.91	5.73	24.45	55.73	85.41	98.69	100.00
248301.dat	0.00	0.00	0.00	0.91	4.93	16.90	48.39	75.86	97.89	100.00
248302.dat	0.00	0.00	0.00	0.91	4.12	12.98	42.86	67.61	89.44	100.00
248303.dat	0.00	0.00	0.00	0.40	2.92	10.16	35.41	61.77	78.57	100.00
248304.dat	0.00	0.00	0.00	0.00	2.11	10.66	32.09	58.25	77.46	100.00
248305.dat	0.00	0.00	0.00	0.00	3.12	16.20	40.44	61.07	79.28	100.00
248306.dat	0.00	0.00	0.00	0.10	2.72	14.89	38.73	58.75	81.59	100.00
248307.dat	0.00	0.00	0.00	0.20	2.52	12.47	35.11	56.14	77.67	100.00
248308.dat	0.00	0.00	0.00	0.00	1.21	8.05	24.75	44.77	68.21	100.00
248309.dat	0.00	0.00	0.00	0.00	0.30	4.12	19.62	37.22	64.08	100.00
248310.dat	0.00	0.00	0.00	0.00	0.30	5.53	22.43	41.65	67.10	100.00
248311.dat	0.00	0.00	0.00	0.00	0.00	1.81	15.69	35.51	60.56	100.00
248312.dat	0.00	0.00	0.00	0.00	0.00	1.91	13.18	31.79	57.95	100.00
248401.dat	0.00	0.00	0.00	0.00	0.00	2.11	18.61	40.24	65.59	100.00
248402.dat	0.00	0.00	0.00	0.00	0.80	5.94	22.43	43.06	65.59	100.00
248403.dat	0.00	0.00	0.00	0.00	0.10	6.94	23.74	50.00	71.63	100.00
248404.dat	0.00	0.00	0.00	0.00	0.40	6.94	23.94	47.18	71.83	100.00
248405.dat	0.00	0.00	0.00	0.00	0.10	6.44	25.55	47.38	69.52	100.00
248406.dat	0.00	0.00	0.00	0.00	0.60	5.94	23.14	43.66	71.03	100.00

248407.dat	0.00	0.00	0.00	0.00	0.91	6.74	19.42	41.95	69.72	100.00
248408.dat	0.00	0.00	0.00	0.00	0.91	6.04	17.40	38.73	68.21	100.00
248409.dat	0.00	0.00	0.00	0.00	1.11	7.95	21.13	44.87	76.86	100.00
248410.dat	0.00	0.00	0.00	0.00	0.60	6.84	20.42	41.75	76.56	100.00
248411.dat	0.00	0.00	0.00	0.00	0.70	5.03	21.13	38.43	69.52	100.00
248412.dat	0.00	0.00	0.00	0.00	0.70	6.14	20.02	44.57	75.65	100.00
248501.dat	0.00	0.00	0.00	0.10	3.62	15.19	29.78	53.92	81.19	100.00
248502.dat	0.00	0.00	0.00	0.20	7.55	21.13	40.04	61.47	82.80	100.00
248503.dat	0.00	0.00	0.00	4.02	16.30	33.50	49.40	71.23	85.51	100.00
248504.dat	0.00	0.00	2.01	7.95	21.43	37.93	52.52	69.52	89.13	100.00
248505.dat	0.00	0.00	2.82	9.15	22.74	38.23	52.92	69.92	91.65	100.00
248506.dat	0.00	0.00	2.41	9.96	25.65	40.85	57.95	73.24	93.06	100.00
248507.dat	0.00	0.00	3.92	13.08	28.87	43.86	57.34	74.75	92.56	100.00
248508.dat	0.00	0.00	4.43	15.69	33.20	54.23	69.82	86.82	97.59	100.00
248509.dat	0.00	0.00	5.53	13.28	28.97	50.70	70.12	86.12	97.79	100.00
248510.dat	0.00	0.30	5.33	11.97	25.25	49.60	70.93	86.82	97.28	100.00
248511.dat	0.00	0.20	4.43	17.71	37.73	53.52	69.22	85.61	97.99	100.00
248512.dat	0.00	0.91	15.19	33.20	52.62	64.59	76.86	93.76	99.60	100.00
248601.dat	0.00	0.40	6.14	25.65	45.17	63.58	78.17	94.67	99.70	100.00
248602.dat	0.00	0.00	0.80	7.95	25.35	52.82	71.63	90.04	98.99	100.00
248603.dat	0.00	0.00	0.40	6.34	21.33	52.11	69.52	89.44	98.59	100.00
248604.dat	0.00	0.00	1.01	7.75	25.45	54.53	69.32	87.22	98.99	100.00
248605.dat	0.00	0.00	1.11	7.75	27.06	53.82	67.20	81.79	99.50	100.00
248606.dat	0.00	0.00	2.72	11.67	36.02	57.55	72.54	89.54	99.50	100.00
248607.dat	0.00	0.00	2.82	14.59	36.52	61.37	76.16	91.25	99.70	100.00
248608.dat	0.00	0.10	4.12	16.30	42.15	67.51	78.87	92.25	100.00	100.00
248609.dat	0.00	0.10	1.71	12.27	34.10	62.37	79.07	92.56	99.20	100.00
248610.dat	0.00	0.00	3.12	16.90	39.13	65.29	78.87	94.47	100.00	100.00
248611.dat	0.00	0.40	9.96	26.26	53.82	68.81	79.28	91.65	96.88	100.00
248612.dat	0.00	0.40	11.37	34.10	61.57	73.94	84.61	92.25	96.68	100.00
248701.dat	0.00	0.60	4.53	23.64	55.73	74.55	83.90	92.66	97.18	100.00
248702.dat	0.00	0.40	3.22	19.42	48.79	73.14	83.10	92.56	96.18	100.00
248703.dat	0.00	0.00	3.02	16.10	45.37	71.53	83.90	93.06	97.59	100.00
248704.dat	0.00	0.00	2.92	17.51	45.47	73.04	87.73	94.37	100.00	100.00
248705.dat	0.00	0.00	0.00	9.26	38.03	67.40	85.01	93.46	99.30	100.00
248706.dat	0.00	0.00	0.30	8.15	37.12	67.20	85.41	92.76	98.59	100.00
248707.dat	0.00	0.00	0.00	3.62	26.16	70.82	85.81	92.76	98.69	100.00
248708.dat	0.00	0.00	0.00	3.52	24.95	65.29	83.30	91.25	96.78	100.00
248709.dat	0.00	0.00	0.40	10.76	43.06	78.87	89.54	95.88	100.00	100.00
248710.dat	0.00	0.91	3.42	16.70	46.18	80.18	90.24	97.48	99.90	100.00
248711.dat	0.30	1.21	5.43	21.43	61.27	83.20	92.25	97.69	100.00	100.00
248712.dat	0.00	0.00	1.31	10.76	44.37	80.38	90.44	96.08	99.80	100.00
248801.dat	0.00	0.70	2.62	11.47	40.85	71.83	90.04	95.07	98.79	100.00
248802.dat	0.50	3.02	20.02	44.67	63.28	83.10	90.54	95.47	99.50	100.00
248803.dat	0.40	6.74	27.87	51.61	70.02	84.51	90.95	95.98	99.30	100.00
248804.dat	0.50	3.92	22.33	48.39	68.01	81.59	89.24	95.37	99.90	100.00
248805.dat	0.40	4.43	19.82	49.09	66.90	82.90	89.64	96.38	100.00	100.00
248806.dat	0.50	3.62	15.09	46.28	66.60	82.49	89.34	96.98	99.90	100.00
248807.dat	0.50	3.52	17.00	50.40	70.12	84.81	92.15	98.89	100.00	100.00
248808.dat	0.40	4.02	20.82	51.81	68.11	79.88	89.64	97.79	100.00	100.00
248809.dat	0.80	12.17	38.93	59.26	70.82	83.20	91.25	97.28	100.00	100.00
248810.dat	0.20	17.51	42.35	63.28	75.25	86.92	93.16	98.79	100.00	100.00
248811.dat	0.80	3.72	22.94	56.54	73.14	88.03	94.77	99.30	100.00	100.00
248812.dat	0.10	2.11	14.79	46.58	73.54	89.13	97.48	98.99	100.00	100.00
248901.dat	0.00	1.51	17.91	53.22	70.02	89.13	97.79	98.99	100.00	100.00
248902.dat	0.00	2.52	23.04	52.41	76.36	91.95	97.79	98.99	100.00	100.00
248903.dat	0.00	2.41	13.48	47.99	78.07	92.86	98.19	99.80	100.00	100.00
248904.dat	0.00	1.81	11.17	45.37	76.76	92.56	98.29	99.90	100.00	100.00
248905.dat	0.00	1.71	17.00	54.53	82.60	94.27	100.00	100.00	100.00	100.00
248906.dat	0.00	2.01	17.30	56.24	83.40	95.17	99.70	100.00	100.00	100.00
248907.dat	1.81	6.84	23.74	63.58	86.02	96.68	99.40	100.00	100.00	100.00
248908.dat	0.50	6.04	22.13	57.44	83.50	96.88	99.20	100.00	100.00	100.00
248909.dat	0.10	3.22	16.10	47.99	81.29	96.48	98.59	100.00	100.00	100.00
248910.dat	0.00	0.50	15.79	47.89	79.58	95.77	99.09	100.00	100.00	100.00
248911.dat	0.00	4.23	28.17	54.73	82.39	94.87	99.20	100.00	100.00	100.00
248912.dat	0.60	13.48	45.67	73.84	92.76	97.89	99.20	99.70	100.00	100.00

Table B.3. 48 Month Timescales

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
481401.dat	0.00	0.00	1.51	9.76	48.49	88.63	97.18	99.60	100.00	100.00
481402.dat	0.00	0.00	1.21	7.75	45.07	88.93	97.69	99.50	100.00	100.00
481403.dat	0.00	0.00	1.31	9.26	52.92	89.94	98.29	99.60	100.00	100.00
481404.dat	0.00	0.00	1.41	7.65	38.03	85.71	97.79	99.30	100.00	100.00
481405.dat	0.00	0.00	1.41	8.05	37.02	81.19	97.28	99.20	100.00	100.00
481406.dat	0.00	0.00	0.70	4.33	29.98	64.49	94.57	97.89	99.30	100.00
481407.dat	0.00	0.00	0.00	3.72	27.67	60.06	90.04	97.89	99.20	100.00
481408.dat	0.00	0.00	0.00	3.02	27.26	59.56	89.24	97.99	99.20	100.00
481409.dat	0.00	0.00	0.00	4.53	27.87	61.97	89.44	97.99	98.99	100.00
481410.dat	0.00	0.00	0.00	1.71	24.14	58.65	86.82	97.69	98.99	100.00
481411.dat	0.00	0.00	0.00	3.22	35.81	71.43	89.84	97.99	99.20	100.00
481412.dat	0.00	0.00	0.00	3.32	36.12	70.93	87.93	97.38	99.30	100.00
481501.dat	0.00	0.00	0.00	10.66	44.37	73.64	86.32	97.89	99.80	100.00
481502.dat	0.00	0.00	0.00	5.13	37.63	68.51	86.92	98.19	99.80	100.00
481503.dat	0.00	0.00	0.00	5.84	39.24	71.33	87.12	97.79	99.80	100.00
481504.dat	0.00	0.00	0.00	4.83	31.39	66.90	83.00	97.18	99.50	100.00
481505.dat	0.00	0.00	0.00	2.62	20.93	56.24	80.38	95.47	99.30	100.00
481506.dat	0.00	0.00	0.00	3.92	24.85	59.66	80.08	95.88	99.50	100.00
481507.dat	0.00	0.00	0.00	2.72	20.22	57.14	83.10	97.08	99.50	100.00
481508.dat	0.00	0.00	0.00	2.82	21.73	56.84	85.81	96.88	99.09	100.00
481509.dat	0.00	0.00	0.00	5.33	25.75	54.63	86.42	96.18	98.69	100.00
481510.dat	0.00	0.00	0.00	4.83	26.76	64.99	92.35	97.38	99.20	100.00
481511.dat	0.00	0.00	0.00	2.62	22.23	60.16	92.45	97.48	99.30	100.00
481512.dat	0.00	0.00	0.00	1.61	16.00	49.80	87.53	97.18	99.50	100.00
481601.dat	0.00	0.00	0.00	0.40	13.48	31.59	63.18	89.54	98.99	100.00
481602.dat	0.00	0.00	0.00	0.40	9.96	25.86	59.26	87.83	98.89	100.00
481603.dat	0.00	0.00	0.00	1.11	5.03	24.85	65.59	93.36	98.89	100.00
481604.dat	0.00	0.00	0.00	2.11	5.94	29.68	75.86	94.97	99.30	100.00
481605.dat	0.00	0.00	0.10	2.11	6.44	35.21	76.86	94.77	99.09	100.00
481606.dat	0.00	0.00	0.00	2.21	7.44	35.81	79.18	95.98	98.99	100.00
481607.dat	0.00	0.00	0.00	1.41	7.55	37.02	76.96	96.78	99.40	100.00
481608.dat	0.00	0.00	0.00	1.91	10.66	37.83	77.36	96.48	99.70	100.00
481609.dat	0.00	0.00	0.00	3.02	13.48	39.74	74.95	94.97	99.80	100.00
481610.dat	0.00	0.00	0.00	4.73	17.00	41.15	71.13	95.07	99.90	100.00
481611.dat	0.00	0.00	0.00	5.13	18.71	43.16	72.23	95.37	99.90	100.00
481612.dat	0.00	0.00	0.00	4.43	17.91	37.22	64.69	95.57	99.80	100.00
481701.dat	0.00	0.00	0.30	6.84	21.33	39.34	64.29	90.95	100.00	100.00
481702.dat	0.00	0.00	0.00	3.62	18.21	35.71	62.98	94.87	99.80	100.00
481703.dat	0.00	0.00	0.00	2.41	17.71	35.81	63.98	95.17	99.70	100.00
481704.dat	0.00	0.00	0.00	2.31	15.19	32.70	60.06	90.04	99.20	100.00
481705.dat	0.00	0.00	0.00	1.11	11.77	27.67	55.53	86.52	99.09	100.00
481706.dat	0.00	0.00	0.30	3.82	19.32	36.02	62.58	89.74	99.60	100.00
481707.dat	0.00	0.00	1.71	6.44	21.43	40.85	67.51	89.24	99.30	100.00
481708.dat	0.00	0.00	2.11	6.94	22.33	44.16	68.11	89.03	100.00	100.00
481709.dat	0.00	0.00	1.31	7.34	22.54	44.27	68.41	89.03	99.50	100.00
481710.dat	0.00	0.00	2.41	12.68	28.87	49.70	69.62	90.85	99.90	100.00
481711.dat	0.00	0.00	2.41	15.19	31.89	54.43	77.57	95.57	100.00	100.00
481712.dat	0.00	0.30	4.23	12.17	26.36	58.55	83.40	97.59	99.70	100.00
481801.dat	0.00	0.91	5.63	18.11	39.84	67.91	82.60	97.28	99.50	100.00
481802.dat	0.00	0.91	5.23	16.50	35.81	67.00	82.90	97.59	99.70	100.00
481803.dat	0.00	0.00	2.82	10.87	30.38	58.55	80.78	94.47	99.80	100.00
481804.dat	0.00	0.40	4.93	15.79	36.12	64.59	82.70	94.87	99.80	100.00
481805.dat	0.00	0.70	4.43	15.49	35.11	63.58	84.51	96.18	100.00	100.00
481806.dat	0.00	1.31	6.54	19.42	40.24	69.01	86.12	97.18	100.00	100.00
481807.dat	0.00	0.91	6.44	19.01	41.15	69.62	88.63	96.88	100.00	100.00
481808.dat	0.00	0.80	5.73	16.80	40.64	67.61	89.03	96.18	100.00	100.00
481809.dat	0.00	0.10	4.23	15.09	38.63	64.19	88.33	95.67	100.00	100.00
481810.dat	0.00	0.20	5.73	14.59	39.84	64.19	89.34	98.09	100.00	100.00
481811.dat	0.00	0.00	4.73	13.98	32.90	60.97	87.93	98.19	100.00	100.00
481812.dat	0.00	0.00	4.23	13.48	33.00	60.56	88.73	99.20	100.00	100.00
481901.dat	0.00	0.00	4.23	14.59	38.23	72.13	91.65	99.50	100.00	100.00
481902.dat	0.00	0.00	2.52	14.79	45.07	71.43	90.64	99.70	100.00	100.00
481903.dat	0.00	0.00	2.01	13.38	39.54	69.82	89.24	99.30	100.00	100.00
481904.dat	0.00	0.00	2.01	16.30	50.00	73.14	90.95	99.70	100.00	100.00
481905.dat	0.00	1.51	7.85	27.06	57.44	79.07	94.06	99.90	100.00	100.00

481906.dat	0.00	1.81	10.16	30.28	60.36	82.39	95.17	100.00	100.00	100.00
481907.dat	0.00	2.01	11.37	31.09	61.07	82.49	93.56	100.00	100.00	100.00
481908.dat	0.00	2.01	10.97	29.28	61.57	81.99	92.96	99.90	100.00	100.00
481909.dat	0.10	3.52	11.87	29.38	58.25	80.48	89.94	99.60	100.00	100.00
481910.dat	0.00	1.01	7.14	24.04	55.03	77.67	90.04	98.09	100.00	100.00
481911.dat	0.00	1.11	8.45	24.65	53.22	75.15	90.44	96.38	99.50	100.00
481912.dat	0.00	0.30	7.14	27.26	56.44	79.18	92.96	98.89	100.00	100.00
482001.dat	0.00	8.25	30.08	48.39	67.81	85.51	97.59	100.00	100.00	100.00
482002.dat	1.21	13.18	30.99	49.40	69.32	87.12	95.47	99.09	100.00	100.00
482003.dat	0.80	10.97	29.07	49.90	72.23	88.83	95.37	99.40	100.00	100.00
482004.dat	0.60	7.85	24.04	44.16	69.01	87.02	94.97	100.00	100.00	100.00
482005.dat	1.01	10.26	26.56	44.37	67.51	86.12	94.67	99.40	100.00	100.00
482006.dat	1.21	10.16	27.16	45.88	68.81	84.00	94.06	99.20	100.00	100.00
482007.dat	2.31	12.68	28.97	48.19	72.23	86.52	95.17	100.00	100.00	100.00
482008.dat	1.61	11.37	27.26	46.48	70.93	88.13	94.87	99.70	100.00	100.00
482009.dat	1.21	9.05	24.95	43.96	67.51	89.13	96.18	99.70	100.00	100.00
482010.dat	0.80	6.94	24.65	44.37	65.09	89.34	95.88	100.00	100.00	100.00
482011.dat	0.80	3.22	17.61	43.46	65.19	89.13	95.88	100.00	100.00	100.00
482012.dat	0.40	2.92	14.89	42.56	62.98	87.93	96.68	100.00	100.00	100.00
482101.dat	0.00	2.11	10.36	38.93	63.38	86.82	98.09	100.00	100.00	100.00
482102.dat	0.20	3.12	14.08	43.76	65.09	85.81	97.99	100.00	100.00	100.00
482103.dat	0.20	3.02	12.68	43.16	65.29	85.71	97.89	100.00	100.00	100.00
482104.dat	0.40	3.32	16.20	45.27	66.50	89.84	98.19	100.00	100.00	100.00
482105.dat	0.60	3.52	14.08	44.87	71.73	92.76	98.69	100.00	100.00	100.00
482106.dat	0.91	3.22	11.57	39.74	66.90	91.45	98.79	100.00	100.00	100.00
482107.dat	0.70	3.22	11.77	39.34	64.49	86.52	98.09	100.00	100.00	100.00
482108.dat	0.40	3.22	12.27	36.62	58.65	81.79	96.38	100.00	100.00	100.00
482109.dat	0.40	3.62	13.98	39.03	59.26	80.58	96.88	100.00	100.00	100.00
482110.dat	0.30	2.72	12.68	36.22	55.03	76.66	94.47	99.70	100.00	100.00
482111.dat	0.00	0.91	10.46	34.41	53.22	73.84	89.94	98.79	100.00	100.00
482112.dat	0.70	3.22	6.74	26.06	45.98	69.01	90.95	99.70	100.00	100.00
482201.dat	1.21	3.62	7.75	26.36	45.37	72.84	90.34	98.89	100.00	100.00
482202.dat	1.71	3.72	6.74	22.94	46.68	74.55	90.54	99.60	100.00	100.00
482203.dat	1.21	3.42	6.64	25.65	49.50	73.74	92.25	100.00	100.00	100.00
482204.dat	0.30	2.82	5.13	23.64	46.68	69.92	91.95	100.00	100.00	100.00
482205.dat	0.40	3.02	5.43	22.33	47.69	70.62	91.75	100.00	100.00	100.00
482206.dat	0.50	3.12	6.24	22.03	46.38	72.03	94.27	100.00	100.00	100.00
482207.dat	0.80	3.22	6.14	24.25	50.91	74.85	95.27	100.00	100.00	100.00
482208.dat	0.91	3.32	5.73	22.74	50.20	72.23	94.97	99.90	100.00	100.00
482209.dat	1.51	3.62	10.06	27.16	54.93	76.96	95.98	99.60	100.00	100.00
482210.dat	1.61	4.12	12.07	31.49	58.15	76.96	96.18	99.90	100.00	100.00
482211.dat	1.61	4.02	11.67	29.88	59.15	77.06	95.67	99.90	100.00	100.00
482212.dat	0.40	3.22	7.55	21.53	49.70	74.85	96.48	100.00	100.00	100.00
482301.dat	0.00	2.92	7.04	21.13	45.67	70.82	91.15	100.00	100.00	100.00
482302.dat	0.80	3.82	12.98	31.59	55.53	76.36	96.08	100.00	100.00	100.00
482303.dat	0.80	3.82	16.50	35.21	60.16	78.97	95.27	100.00	100.00	100.00
482304.dat	0.70	3.72	13.98	32.90	53.32	76.46	91.75	100.00	100.00	100.00
482305.dat	0.40	3.22	11.57	30.58	52.21	74.65	91.05	99.70	100.00	100.00
482306.dat	0.00	1.61	5.94	23.74	44.87	71.83	89.03	99.30	100.00	100.00
482307.dat	0.00	1.41	6.74	24.95	43.06	71.53	88.83	98.89	100.00	100.00
482308.dat	0.00	0.60	4.63	19.32	40.14	67.91	88.53	98.19	100.00	100.00
482309.dat	0.00	0.60	5.03	18.91	42.15	70.42	88.23	98.09	99.40	100.00
482310.dat	0.00	1.31	5.33	18.31	40.24	70.12	87.02	97.99	99.40	100.00
482311.dat	0.00	1.31	6.34	18.51	42.25	74.85	89.34	98.59	99.60	100.00
482312.dat	0.00	0.91	4.83	18.01	42.56	69.11	89.13	98.59	99.50	100.00
482401.dat	0.00	0.60	5.53	18.21	45.37	72.84	89.44	98.39	99.80	100.00
482402.dat	0.00	0.50	3.92	17.00	51.31	74.75	90.64	98.89	100.00	100.00
482403.dat	0.00	0.50	5.23	23.34	54.93	75.45	91.35	98.59	99.70	100.00
482404.dat	0.00	1.31	8.25	27.57	58.65	81.09	95.47	99.20	100.00	100.00
482405.dat	0.30	1.81	8.85	30.18	60.36	81.59	96.18	98.59	99.30	100.00
482406.dat	0.00	1.71	10.56	33.50	61.67	83.90	97.38	98.59	99.30	100.00
482407.dat	0.00	1.71	9.76	32.09	60.26	83.80	97.28	98.59	99.40	100.00
482408.dat	0.30	2.52	11.57	37.02	66.30	87.22	97.99	98.69	99.50	100.00
482409.dat	0.20	3.72	13.78	37.93	69.72	88.83	98.59	99.09	99.70	100.00
482410.dat	0.50	2.31	13.68	40.85	73.41	93.56	98.69	99.50	100.00	100.00
482411.dat	0.10	3.12	15.69	38.53	71.23	93.36	98.69	99.70	100.00	100.00
482412.dat	0.00	3.02	16.50	36.42	70.02	93.66	98.59	99.50	100.00	100.00
482501.dat	0.40	7.65	19.42	44.06	76.06	94.47	98.69	99.60	100.00	100.00
482502.dat	0.10	4.63	17.10	45.67	76.46	94.16	98.69	99.60	100.00	100.00
482503.dat	0.30	5.23	17.40	45.07	76.66	93.96	98.89	99.70	100.00	100.00
482504.dat	0.00	4.33	16.30	36.02	72.94	94.87	99.30	100.00	100.00	100.00



482505.dat	0.00	4.83	15.19	43.26	80.99	96.78	100.00	100.00	100.00	100.00
482506.dat	0.00	5.33	16.20	39.03	75.65	96.08	99.30	100.00	100.00	100.00
482507.dat	0.00	5.33	16.40	39.74	74.14	96.88	99.50	100.00	100.00	100.00
482508.dat	0.20	5.73	17.00	40.34	73.24	97.18	99.60	100.00	100.00	100.00
482509.dat	0.00	3.62	15.39	36.52	73.84	91.85	99.50	100.00	100.00	100.00
482510.dat	0.70	4.12	14.19	34.00	64.89	88.33	99.09	100.00	100.00	100.00
482511.dat	2.11	6.44	18.91	38.73	64.99	87.63	98.39	100.00	100.00	100.00
482512.dat	1.21	6.74	22.84	49.70	73.74	92.56	99.09	100.00	100.00	100.00
482601.dat	0.20	7.95	25.45	53.22	76.26	93.66	99.40	100.00	100.00	100.00
482602.dat	0.60	8.25	25.25	53.52	77.97	94.57	99.30	100.00	100.00	100.00
482603.dat	2.72	11.87	30.99	58.75	81.19	94.47	99.09	100.00	100.00	100.00
482604.dat	2.82	8.35	24.75	52.21	83.00	95.67	99.09	100.00	100.00	100.00
482605.dat	2.31	8.35	24.75	50.70	80.78	94.67	98.59	99.70	100.00	100.00
482606.dat	3.02	9.46	25.05	53.12	82.09	94.97	98.69	100.00	100.00	100.00
482607.dat	2.82	9.56	25.35	53.32	80.68	93.16	98.19	99.70	100.00	100.00
482608.dat	2.21	9.26	24.55	59.66	82.90	94.97	98.79	100.00	100.00	100.00
482609.dat	2.21	7.95	22.84	55.73	78.87	93.06	98.29	99.90	100.00	100.00
482610.dat	2.31	9.15	23.44	54.43	78.37	93.46	98.09	99.80	100.00	100.00
482611.dat	0.50	3.52	16.40	45.67	75.15	94.87	98.79	100.00	100.00	100.00
482612.dat	0.30	4.83	22.94	46.78	75.55	93.26	97.59	99.70	100.00	100.00
482701.dat	0.20	6.34	24.14	51.51	78.67	93.46	97.89	100.00	100.00	100.00
482702.dat	0.00	0.30	10.26	36.32	67.40	90.04	97.59	100.00	100.00	100.00
482703.dat	0.00	0.00	5.84	31.59	63.08	88.33	97.08	100.00	100.00	100.00
482704.dat	0.00	0.00	8.75	34.51	68.11	89.44	97.18	100.00	100.00	100.00
482705.dat	0.00	0.30	9.56	35.81	68.71	89.44	97.28	100.00	100.00	100.00
482706.dat	0.00	0.30	11.17	43.06	71.43	87.02	96.38	99.50	100.00	100.00
482707.dat	0.00	0.40	10.97	47.08	74.65	88.13	96.58	99.40	100.00	100.00
482708.dat	0.00	0.50	13.48	48.69	75.65	89.44	96.28	99.50	100.00	100.00
482709.dat	0.00	0.00	10.76	43.06	72.33	85.92	95.37	99.60	100.00	100.00
482710.dat	0.00	0.00	6.24	45.27	73.44	86.32	95.47	100.00	100.00	100.00
482711.dat	0.00	0.00	1.01	33.10	66.60	86.52	96.88	100.00	100.00	100.00
482712.dat	0.00	0.00	2.62	34.31	68.01	88.73	96.98	100.00	100.00	100.00
482801.dat	0.00	0.00	3.52	31.29	64.59	87.22	97.18	100.00	100.00	100.00
482802.dat	0.00	0.00	3.62	33.10	66.30	87.02	96.48	100.00	100.00	100.00
482803.dat	0.00	0.30	4.63	29.48	62.68	87.12	97.59	100.00	100.00	100.00
482804.dat	0.00	0.40	5.43	28.37	58.35	86.22	97.69	100.00	100.00	100.00
482805.dat	0.00	1.01	5.43	27.26	56.04	85.01	96.48	100.00	100.00	100.00
482806.dat	0.00	0.30	3.92	21.53	54.02	83.40	96.28	99.70	100.00	100.00
482807.dat	0.00	0.10	3.52	19.92	53.02	83.80	97.28	99.70	100.00	100.00
482808.dat	0.00	0.00	2.52	19.01	52.11	82.09	95.77	99.30	100.00	100.00
482809.dat	0.00	0.00	2.72	20.93	56.54	83.80	97.08	99.60	100.00	100.00
482810.dat	0.00	0.00	2.31	25.55	60.06	84.31	95.67	99.70	100.00	100.00
482811.dat	0.00	0.00	3.32	25.65	59.56	84.41	94.27	99.80	100.00	100.00
482812.dat	0.00	0.00	6.34	29.78	64.19	85.61	95.98	100.00	100.00	100.00
482901.dat	0.00	0.91	5.53	30.68	61.57	84.61	95.57	99.80	100.00	100.00
482902.dat	0.00	1.61	8.25	36.32	65.39	84.31	94.57	99.70	100.00	100.00
482903.dat	0.00	1.61	7.04	35.21	63.58	83.90	94.97	99.70	100.00	100.00
482904.dat	0.50	3.92	9.46	38.23	63.18	81.99	95.17	99.70	100.00	100.00
482905.dat	0.40	4.23	13.68	46.08	66.90	83.20	94.16	98.89	100.00	100.00
482906.dat	0.50	4.02	14.29	45.47	69.32	86.12	95.67	99.90	100.00	100.00
482907.dat	1.41	5.23	16.50	47.38	70.93	86.42	94.27	99.40	100.00	100.00
482908.dat	1.81	5.73	16.30	48.89	72.43	86.42	95.67	100.00	100.00	100.00
482909.dat	2.01	6.84	21.23	52.62	72.74	85.71	93.46	99.20	100.00	100.00
482910.dat	2.92	8.45	24.85	57.75	76.76	88.13	95.47	100.00	100.00	100.00
482911.dat	3.52	10.97	32.19	63.48	78.07	88.73	96.08	100.00	100.00	100.00
482912.dat	3.72	9.96	27.26	54.43	77.67	89.13	96.48	100.00	100.00	100.00
483001.dat	3.52	6.64	23.54	50.40	75.35	87.42	95.47	99.80	100.00	100.00
483002.dat	3.42	7.24	25.25	56.34	77.67	87.73	95.57	99.80	100.00	100.00
483003.dat	3.02	6.44	20.62	49.90	74.95	87.73	96.08	100.00	100.00	100.00
483004.dat	2.82	6.94	25.25	57.55	79.48	90.85	98.69	100.00	100.00	100.00
483005.dat	1.21	3.92	16.90	50.70	77.36	91.45	99.90	100.00	100.00	100.00
483006.dat	1.11	4.02	17.51	48.99	76.26	92.25	99.90	100.00	100.00	100.00
483007.dat	1.21	4.02	17.51	45.98	77.06	91.45	99.30	100.00	100.00	100.00
483008.dat	1.31	4.53	14.59	43.66	71.33	87.22	95.67	100.00	100.00	100.00
483009.dat	1.31	4.02	13.68	42.76	70.72	88.53	96.08	100.00	100.00	100.00
483010.dat	1.21	4.23	14.79	44.16	66.10	88.23	98.09	100.00	100.00	100.00
483011.dat	2.11	7.85	27.16	47.59	66.40	87.73	96.18	100.00	100.00	100.00
483012.dat	4.23	12.17	37.22	56.44	74.14	90.85	97.48	100.00	100.00	100.00
483101.dat	5.63	15.19	40.04	58.85	79.18	90.64	99.09	100.00	100.00	100.00
483102.dat	10.36	27.46	46.28	60.66	80.89	90.95	99.60	100.00	100.00	100.00
483103.dat	7.44	27.26	45.77	62.98	83.26	92.06	99.80	100.00	100.00	100.00

483104.dat	6.94	29.98	45.37	63.28	82.70	92.15	99.20	100.00	100.00	100.00
483105.dat	8.15	32.29	48.79	68.51	84.91	92.66	98.49	100.00	100.00	100.00
483106.dat	5.33	27.97	49.90	71.93	87.32	94.87	99.30	100.00	100.00	100.00
483107.dat	5.53	28.67	48.69	71.43	88.03	95.07	99.50	100.00	100.00	100.00
483108.dat	6.04	29.38	49.20	68.91	90.14	95.37	99.30	100.00	100.00	100.00
483109.dat	10.66	32.29	52.72	74.75	92.15	96.68	99.60	100.00	100.00	100.00
483110.dat	12.58	37.42	54.53	78.07	91.65	95.98	99.50	100.00	100.00	100.00
483111.dat	16.60	41.35	54.02	72.54	88.83	94.37	98.79	100.00	100.00	100.00
483112.dat	9.05	27.16	50.40	73.54	89.34	94.97	99.20	100.00	100.00	100.00
483201.dat	9.86	27.16	46.58	70.22	88.33	94.27	98.69	100.00	100.00	100.00
483202.dat	7.55	27.57	42.76	63.68	84.41	93.56	99.20	100.00	100.00	100.00
483203.dat	7.95	28.57	45.57	65.29	85.31	93.46	99.09	100.00	100.00	100.00
483204.dat	7.65	28.77	43.16	62.47	82.09	92.86	98.99	100.00	100.00	100.00
483205.dat	5.33	20.62	40.74	64.08	84.91	93.86	99.50	100.00	100.00	100.00
483206.dat	6.14	25.15	39.64	61.87	84.71	93.86	99.50	100.00	100.00	100.00
483207.dat	6.24	24.95	39.13	59.96	79.18	92.76	97.69	100.00	100.00	100.00
483208.dat	5.53	24.65	38.13	53.52	78.67	93.26	98.89	100.00	100.00	100.00
483209.dat	5.73	25.96	38.13	53.92	78.27	92.56	98.79	100.00	100.00	100.00
483210.dat	5.43	24.55	37.73	57.34	77.26	91.95	98.69	100.00	100.00	100.00
483211.dat	2.92	18.81	38.93	63.78	82.19	93.46	99.50	100.00	100.00	100.00
483212.dat	2.92	18.51	37.02	60.26	78.97	90.64	98.49	100.00	100.00	100.00
483301.dat	1.41	15.49	34.81	55.63	75.15	86.02	97.38	100.00	100.00	100.00
483302.dat	0.70	14.49	33.30	57.95	74.95	86.62	97.48	100.00	100.00	100.00
483303.dat	0.70	12.37	36.52	60.97	76.16	87.12	98.19	100.00	100.00	100.00
483304.dat	1.01	15.79	41.65	63.38	76.66	86.72	97.59	100.00	100.00	100.00
483305.dat	1.01	10.76	36.52	58.65	73.24	85.61	97.79	100.00	100.00	100.00
483306.dat	1.01	15.09	40.34	61.17	75.35	85.61	96.98	100.00	100.00	100.00
483307.dat	1.01	14.08	40.24	61.37	75.35	85.21	97.69	100.00	100.00	100.00
483308.dat	0.50	12.07	38.83	61.77	77.87	86.52	98.49	100.00	100.00	100.00
483309.dat	0.20	10.97	39.74	63.38	79.68	89.74	99.30	100.00	100.00	100.00
483310.dat	0.00	5.53	34.91	58.65	78.37	87.42	98.39	100.00	100.00	100.00
483311.dat	0.00	4.02	31.29	56.24	77.16	85.21	98.19	100.00	100.00	100.00
483312.dat	0.30	9.05	27.57	50.80	71.63	82.70	97.28	99.30	99.80	100.00
483401.dat	0.70	13.28	34.10	53.32	73.94	87.53	97.79	98.99	99.40	100.00
483402.dat	1.31	13.58	33.40	54.83	74.85	86.92	97.79	99.20	99.40	100.00
483403.dat	1.01	15.19	36.02	56.84	75.96	91.95	98.19	99.20	99.50	100.00
483404.dat	1.71	18.01	37.12	57.85	76.46	91.95	98.29	99.20	99.60	100.00
483405.dat	3.32	27.57	45.88	65.39	79.07	91.95	98.09	99.20	99.70	100.00
483406.dat	1.01	21.43	42.45	62.47	78.27	92.15	98.39	99.30	99.80	100.00
483407.dat	0.70	21.13	44.37	64.59	80.78	94.27	98.59	99.20	99.60	100.00
483408.dat	3.22	29.38	49.90	67.51	80.28	94.87	98.29	99.20	99.70	100.00
483409.dat	7.04	32.90	52.41	69.22	80.99	94.77	98.29	99.20	99.70	100.00
483410.dat	8.45	32.60	52.01	67.30	78.97	94.57	98.29	99.09	99.40	100.00
483411.dat	5.53	26.26	49.20	65.79	79.88	92.96	97.38	98.69	99.30	100.00
483412.dat	2.62	18.71	40.95	59.96	74.45	89.44	96.38	98.19	98.89	100.00
483501.dat	1.91	16.60	37.83	57.34	71.03	87.12	94.16	97.48	98.79	100.00
483502.dat	1.81	16.90	37.53	57.24	76.26	88.73	94.77	97.59	98.59	100.00
483503.dat	1.51	18.71	35.11	55.23	71.63	87.93	94.67	97.79	98.79	100.00
483504.dat	0.20	14.89	28.77	49.20	71.33	88.53	94.67	97.79	98.79	100.00
483505.dat	0.00	7.44	24.14	48.19	70.62	88.53	95.27	97.99	98.79	100.00
483506.dat	0.00	8.15	28.27	51.41	75.45	89.84	96.18	98.19	98.99	100.00
483507.dat	0.30	8.95	29.18	52.82	76.16	89.94	96.28	98.19	98.99	100.00
483508.dat	0.60	7.75	29.28	52.62	75.45	89.64	95.98	98.19	98.89	100.00
483509.dat	0.70	10.76	30.38	54.23	75.75	90.04	96.28	98.29	99.09	100.00
483510.dat	1.51	13.38	32.09	54.63	76.36	90.54	96.68	98.19	99.09	100.00
483511.dat	1.71	17.30	36.82	59.96	83.80	92.76	97.38	98.79	99.40	100.00
483512.dat	2.52	20.32	45.17	69.01	85.41	93.66	97.69	98.99	99.60	100.00
483601.dat	1.61	14.29	42.05	68.91	84.71	92.76	97.18	98.79	99.40	100.00
483602.dat	0.00	8.15	30.28	60.46	84.91	92.86	97.28	98.69	99.40	100.00
483603.dat	0.10	13.88	31.99	61.47	85.31	93.56	97.99	99.09	99.80	100.00
483604.dat	0.30	17.30	36.72	63.98	86.22	93.86	98.29	99.40	100.00	100.00
483605.dat	0.91	19.82	39.74	66.30	88.53	93.86	97.69	99.09	99.80	100.00
483606.dat	0.40	14.39	36.52	66.20	87.53	93.26	97.18	98.79	99.60	100.00
483607.dat	1.31	12.58	34.31	66.20	88.13	93.76	97.79	99.09	99.80	100.00
483608.dat	0.40	13.98	33.70	65.29	87.73	93.76	97.79	99.09	99.80	100.00
483609.dat	0.80	11.47	31.09	62.07	85.92	92.96	97.69	99.09	99.80	100.00
483610.dat	1.11	10.46	31.89	64.08	85.21	93.46	98.29	99.40	100.00	100.00
483611.dat	2.62	12.88	37.73	63.68	86.32	96.78	99.30	100.00	100.00	100.00
483612.dat	2.31	14.69	35.92	63.38	81.59	95.57	99.70	100.00	100.00	100.00
483701.dat	2.52	15.19	38.23	64.49	86.22	97.89	100.00	100.00	100.00	100.00
483702.dat	3.32	12.47	34.51	57.14	78.87	93.96	99.80	100.00	100.00	100.00

483703.dat	2.52	10.26	31.79	49.20	72.74	89.24	99.30	100.00	100.00	100.00
483704.dat	2.52	8.55	27.77	52.21	72.33	87.73	98.79	100.00	100.00	100.00
483705.dat	3.52	10.97	32.70	56.34	73.64	88.63	99.09	100.00	100.00	100.00
483706.dat	2.62	6.74	26.36	51.61	72.43	87.02	99.30	100.00	100.00	100.00
483707.dat	1.41	5.53	20.22	49.20	70.72	87.83	99.60	100.00	100.00	100.00
483708.dat	1.71	7.24	23.04	50.10	72.64	87.93	99.50	100.00	100.00	100.00
483709.dat	2.52	8.25	22.64	50.20	73.04	89.44	99.70	100.00	100.00	100.00
483710.dat	3.42	9.56	20.62	53.22	74.75	91.15	100.00	100.00	100.00	100.00
483711.dat	2.72	7.34	16.20	46.18	70.02	87.53	98.99	99.90	100.00	100.00
483712.dat	1.91	6.74	15.59	43.46	69.01	89.24	98.89	100.00	100.00	100.00
483801.dat	2.11	7.24	16.90	43.76	69.52	87.93	97.99	100.00	100.00	100.00
483802.dat	0.50	4.93	13.98	40.04	63.68	81.09	94.77	100.00	100.00	100.00
483803.dat	0.00	1.51	12.17	28.67	57.34	72.03	86.12	95.47	98.99	100.00
483804.dat	0.00	1.21	10.56	24.75	56.74	70.32	82.90	93.66	97.38	100.00
483805.dat	0.00	1.41	8.45	23.94	54.43	69.01	81.69	93.16	97.38	100.00
483806.dat	0.00	1.81	9.86	22.84	52.62	69.92	82.80	93.56	97.79	100.00
483807.dat	0.00	1.31	8.35	19.72	50.30	69.52	82.09	92.96	97.79	100.00
483808.dat	0.00	1.31	8.55	19.52	51.21	70.12	82.09	93.16	97.69	100.00
483809.dat	0.00	0.20	6.04	18.31	47.79	69.62	82.39	92.96	97.79	100.00
483810.dat	0.00	1.31	7.24	17.00	41.35	68.41	81.59	93.36	97.89	100.00
483811.dat	0.00	1.21	7.95	19.32	49.20	72.74	85.71	95.57	99.90	100.00
483812.dat	0.00	1.21	8.45	20.93	50.50	73.14	86.92	95.77	100.00	100.00
483901.dat	0.00	1.81	10.76	24.14	51.41	75.55	87.73	96.98	100.00	100.00
483902.dat	0.00	1.01	8.65	24.35	52.01	76.96	88.03	96.98	100.00	100.00
483903.dat	0.00	1.41	9.56	25.96	52.31	77.06	89.54	97.59	100.00	100.00
483904.dat	0.00	2.01	11.57	30.18	60.46	81.99	92.56	99.30	100.00	100.00
483905.dat	0.00	2.11	11.27	36.62	65.49	83.20	92.25	99.20	100.00	100.00
483906.dat	0.00	0.60	10.87	34.71	63.88	82.19	91.55	98.99	100.00	100.00
483907.dat	0.00	0.91	11.77	33.90	63.88	81.59	91.25	98.89	100.00	100.00
483908.dat	0.00	1.31	13.08	36.82	66.30	82.09	92.15	99.09	100.00	100.00
483909.dat	0.00	0.80	10.46	36.52	60.76	78.17	88.53	98.29	100.00	100.00
483910.dat	0.00	1.01	10.66	35.01	57.55	77.06	87.42	97.69	100.00	100.00
483911.dat	0.00	1.21	11.37	36.12	59.36	78.47	88.23	97.99	100.00	100.00
483912.dat	0.00	0.60	10.36	32.60	61.27	78.27	89.54	99.80	100.00	100.00
484001.dat	0.00	1.81	14.89	37.73	60.36	77.16	86.42	93.36	98.99	100.00
484002.dat	0.00	1.21	8.85	36.82	61.67	77.67	87.93	97.48	100.00	100.00
484003.dat	0.00	1.21	7.75	34.61	58.85	73.64	87.42	97.18	100.00	100.00
484004.dat	0.00	1.11	4.63	26.96	55.03	71.53	85.81	95.88	100.00	100.00
484005.dat	0.00	0.80	4.43	27.97	56.64	73.04	86.62	95.67	100.00	100.00
484006.dat	0.00	1.71	10.76	36.82	60.36	74.55	86.82	96.08	100.00	100.00
484007.dat	0.00	0.50	8.95	43.26	62.88	75.86	87.73	96.58	100.00	100.00
484008.dat	0.00	0.70	12.68	49.09	63.98	76.26	87.93	96.28	100.00	100.00
484009.dat	0.00	0.50	4.53	35.41	59.56	73.14	86.62	95.98	100.00	100.00
484010.dat	0.00	0.40	3.82	27.97	55.43	69.82	85.81	97.69	100.00	100.00
484011.dat	0.00	0.00	1.91	17.20	48.39	65.79	83.60	97.89	100.00	100.00
484012.dat	0.00	0.00	2.41	16.30	48.59	66.10	78.47	96.58	100.00	100.00
484101.dat	0.00	0.00	2.31	17.20	48.19	67.00	78.27	93.76	99.70	100.00
484102.dat	0.00	0.60	2.82	18.91	51.21	67.00	78.07	92.76	99.30	100.00
484103.dat	0.00	0.30	2.62	20.42	52.01	68.61	79.78	94.47	99.80	100.00
484104.dat	0.00	1.41	3.12	18.31	41.45	66.30	77.16	87.83	99.30	100.00
484105.dat	0.00	0.40	2.31	16.30	35.01	62.47	75.45	87.12	98.99	100.00
484106.dat	0.00	0.80	3.72	16.20	33.40	58.35	73.84	85.92	99.20	100.00
484107.dat	0.00	0.80	3.52	17.51	35.81	58.75	73.74	86.52	99.09	100.00
484108.dat	0.00	0.80	2.82	13.78	30.89	51.01	69.52	83.70	99.09	100.00
484109.dat	0.00	0.20	2.11	12.07	28.17	47.79	66.60	84.10	99.09	100.00
484110.dat	0.00	0.20	2.11	10.46	22.23	40.24	60.76	80.08	97.69	100.00
484111.dat	0.00	0.00	3.52	12.27	23.04	40.74	63.48	81.19	98.19	100.00
484112.dat	0.00	0.00	5.33	12.07	22.84	40.64	61.77	78.87	95.57	100.00
484201.dat	0.00	0.00	6.14	12.27	22.94	40.85	60.46	77.46	95.47	100.00
484202.dat	0.00	0.50	6.94	13.08	24.45	42.35	65.79	83.50	98.69	100.00
484203.dat	0.30	3.12	9.76	17.10	33.00	54.83	74.55	93.06	99.70	100.00
484204.dat	0.50	3.52	10.56	18.11	32.19	52.21	72.54	91.35	99.80	100.00
484205.dat	0.00	2.11	7.95	16.50	31.29	51.61	71.73	90.85	99.80	100.00
484206.dat	0.00	1.71	5.63	15.49	32.70	54.23	73.34	93.46	99.80	100.00
484207.dat	0.00	1.41	5.43	15.59	35.81	56.34	74.55	94.16	99.80	100.00
484208.dat	0.00	1.31	5.23	16.10	37.53	56.64	74.75	94.06	99.70	100.00
484209.dat	0.00	1.61	5.73	16.60	40.44	59.46	78.97	94.87	99.60	100.00
484210.dat	0.00	2.01	5.94	20.22	39.84	60.36	81.49	95.27	99.30	100.00
484211.dat	0.00	0.00	0.40	14.08	33.70	56.84	77.87	94.87	99.80	100.00
484212.dat	0.00	0.00	0.10	9.96	30.89	54.12	75.86	93.16	100.00	100.00
484301.dat	0.00	0.00	0.80	8.25	27.16	49.30	67.30	90.04	98.89	100.00

484302.dat	0.00	0.00	1.41	9.56	28.07	51.51	68.51	89.64	99.09	100.00
484303.dat	0.00	0.00	1.01	8.05	26.96	51.11	68.41	86.22	99.20	100.00
484304.dat	0.00	0.00	0.20	6.64	24.45	47.99	66.40	83.90	96.68	100.00
484305.dat	0.00	0.00	0.10	7.44	25.45	46.48	65.09	84.00	97.48	100.00
484306.dat	0.00	0.00	0.80	4.33	21.63	42.05	60.97	82.90	96.58	100.00
484307.dat	0.00	0.00	1.11	3.82	21.53	42.15	61.07	83.10	96.78	100.00
484308.dat	0.00	0.00	0.50	3.82	18.91	39.24	59.05	81.69	96.78	100.00
484309.dat	0.00	0.00	0.40	5.43	23.24	45.07	66.10	87.53	97.59	100.00
484310.dat	0.00	0.00	0.20	3.52	20.02	41.85	63.08	85.71	97.89	100.00
484311.dat	0.00	0.00	1.01	3.52	19.62	42.76	62.17	85.51	97.99	100.00
484312.dat	0.00	0.30	2.11	4.33	18.51	42.66	64.79	83.70	99.09	100.00
484401.dat	0.00	0.20	2.11	4.43	21.43	46.18	70.82	91.35	100.00	100.00
484402.dat	0.00	1.11	3.12	6.54	28.17	48.29	73.54	91.95	99.80	100.00
484403.dat	0.20	1.91	3.62	7.65	30.89	50.91	76.56	94.67	99.70	100.00
484404.dat	0.00	2.11	3.72	9.26	29.98	50.00	73.34	92.35	99.60	100.00
484405.dat	0.20	2.11	3.82	8.55	25.75	48.29	73.04	91.35	99.60	100.00
484406.dat	0.00	2.11	3.72	7.14	17.91	41.65	65.79	88.73	98.09	100.00
484407.dat	0.40	2.11	3.82	7.95	19.22	41.85	66.30	88.13	97.99	100.00
484408.dat	0.10	2.01	3.82	6.94	18.91	42.45	66.80	88.63	98.19	100.00
484409.dat	0.00	2.11	4.02	9.36	27.87	51.31	75.86	91.75	99.30	100.00
484410.dat	0.60	2.62	4.83	14.39	33.80	58.05	78.77	94.06	99.60	100.00
484411.dat	0.40	2.72	5.03	15.19	32.19	52.11	73.54	89.94	98.39	100.00
484412.dat	1.31	3.32	6.04	17.61	35.71	58.55	82.09	94.87	99.70	100.00
484501.dat	0.60	3.22	6.04	19.11	38.73	62.58	87.83	95.98	99.70	100.00
484502.dat	0.30	2.41	5.13	17.81	38.93	64.29	88.73	96.68	99.70	100.00
484503.dat	0.00	1.71	5.23	15.49	37.73	64.19	90.54	96.38	99.40	100.00
484504.dat	0.00	2.21	7.34	19.42	42.05	74.35	92.96	96.78	99.80	100.00
484505.dat	0.00	2.82	8.05	21.63	43.96	72.23	91.25	96.68	99.80	100.00
484506.dat	0.20	3.52	8.15	22.43	44.27	73.14	92.96	96.18	99.40	100.00
484507.dat	0.20	3.42	8.15	23.94	47.28	76.16	93.26	96.68	99.80	100.00
484508.dat	0.40	2.72	9.15	24.45	45.67	79.78	94.37	97.69	100.00	100.00
484509.dat	0.40	3.82	9.26	28.37	47.48	81.29	94.27	97.89	100.00	100.00
484510.dat	0.20	4.93	13.78	30.38	53.42	83.10	95.37	99.20	100.00	100.00
484511.dat	0.50	4.43	12.98	30.58	50.00	78.07	95.17	99.40	100.00	100.00
484512.dat	1.11	5.73	15.39	33.20	54.63	80.58	95.37	99.20	100.00	100.00
484601.dat	0.70	4.23	13.48	31.79	55.43	83.20	95.88	100.00	100.00	100.00
484602.dat	1.41	4.73	14.99	33.70	59.15	86.32	96.58	100.00	100.00	100.00
484603.dat	1.71	4.93	13.68	31.09	53.72	80.08	94.67	99.20	100.00	100.00
484604.dat	3.02	6.54	15.79	33.70	62.17	84.00	96.18	99.70	100.00	100.00
484605.dat	2.82	6.24	15.69	34.61	62.37	86.42	96.98	100.00	100.00	100.00
484606.dat	2.62	6.34	15.90	35.61	63.18	86.92	96.78	100.00	100.00	100.00
484607.dat	1.11	4.83	14.69	33.50	60.87	84.21	95.77	99.60	100.00	100.00
484608.dat	0.60	2.01	10.66	32.39	58.75	82.19	95.17	99.60	100.00	100.00
484609.dat	0.50	1.31	7.34	28.27	55.94	79.98	95.07	99.09	100.00	100.00
484610.dat	0.50	1.21	5.73	26.16	49.70	73.34	91.75	97.38	99.60	100.00
484611.dat	0.30	1.21	5.94	25.55	54.33	73.64	88.93	98.89	100.00	100.00
484612.dat	0.20	1.11	8.35	31.29	56.04	73.04	87.93	99.40	100.00	100.00
484701.dat	0.30	1.11	10.66	43.86	63.98	80.08	94.37	100.00	100.00	100.00
484702.dat	0.30	1.21	10.97	43.46	65.49	82.80	94.67	100.00	100.00	100.00
484703.dat	0.70	2.62	13.38	48.59	69.62	84.91	95.47	100.00	100.00	100.00
484704.dat	0.70	3.02	17.30	51.61	68.71	84.91	95.47	100.00	100.00	100.00
484705.dat	0.30	1.61	18.71	52.52	68.81	82.60	93.56	99.30	100.00	100.00
484706.dat	0.00	1.01	16.10	49.20	66.40	81.29	92.66	98.49	100.00	100.00
484707.dat	0.00	1.81	15.49	47.89	66.50	82.19	93.06	98.39	100.00	100.00
484708.dat	0.00	0.00	16.10	45.67	66.90	80.99	93.46	98.69	99.90	100.00
484709.dat	0.00	0.10	14.69	44.37	65.49	78.77	91.85	98.29	100.00	100.00
484710.dat	0.00	0.00	5.84	38.63	64.89	79.78	92.76	97.59	99.70	100.00
484711.dat	0.00	0.00	3.12	33.20	61.27	77.16	90.44	96.68	99.50	100.00
484712.dat	0.00	0.00	3.92	34.61	60.56	75.75	90.85	96.68	99.30	100.00
484801.dat	0.00	0.00	8.05	33.00	54.23	76.76	91.35	97.38	99.60	100.00
484802.dat	0.00	1.61	16.50	36.72	53.32	76.76	91.15	97.18	99.60	100.00
484803.dat	0.00	1.31	13.48	35.21	50.70	77.97	91.45	97.48	100.00	100.00
484804.dat	0.00	2.21	12.68	33.80	52.11	80.48	93.86	99.09	100.00	100.00
484805.dat	0.00	2.41	13.58	33.20	48.09	72.33	94.16	98.99	100.00	100.00
484806.dat	0.00	2.21	11.57	34.81	48.49	75.86	93.06	98.99	100.00	100.00
484807.dat	0.00	2.11	11.77	34.91	48.29	73.14	90.34	98.99	100.00	100.00
484808.dat	0.00	1.01	11.77	34.00	46.18	70.62	89.54	98.89	100.00	100.00
484809.dat	0.00	1.71	12.37	33.50	45.47	68.11	90.34	98.79	100.00	100.00
484810.dat	0.00	0.80	11.17	32.60	44.16	64.99	89.03	98.49	100.00	100.00
484811.dat	0.00	5.43	23.44	36.52	46.38	65.49	90.14	98.39	100.00	100.00
484812.dat	0.00	2.31	19.52	35.11	44.27	58.05	81.79	96.18	100.00	100.00

484901.dat	0.00	0.10	13.18	31.49	43.56	54.12	85.01	96.78	100.00	100.00
484902.dat	0.00	1.51	15.39	35.31	44.97	57.55	83.90	95.07	99.80	100.00
484903.dat	0.00	3.12	18.61	36.42	45.27	62.07	84.81	96.08	100.00	100.00
484904.dat	0.00	2.92	18.91	37.42	47.48	66.20	89.44	97.89	100.00	100.00
484905.dat	0.00	2.52	18.21	36.32	47.08	66.80	89.84	97.99	100.00	100.00
484906.dat	0.00	2.52	17.51	37.73	52.31	68.91	91.25	99.09	100.00	100.00
484907.dat	0.00	1.91	18.01	38.53	52.31	67.81	89.84	98.49	100.00	100.00
484908.dat	0.00	3.92	25.96	39.54	54.33	73.04	91.95	99.30	100.00	100.00
484909.dat	0.00	2.72	22.64	39.34	56.04	76.26	92.96	100.00	100.00	100.00
484910.dat	0.10	4.02	27.57	41.15	55.03	73.24	92.35	99.60	100.00	100.00
484911.dat	0.00	3.72	27.57	43.46	58.65	77.06	92.66	99.70	100.00	100.00
484912.dat	0.40	12.88	29.78	46.88	61.07	78.27	92.56	99.70	100.00	100.00
485001.dat	0.00	4.43	29.18	44.16	57.65	72.13	91.25	97.99	100.00	100.00
485002.dat	0.00	3.92	25.86	44.37	57.34	71.43	90.85	97.18	100.00	100.00
485003.dat	0.30	5.84	25.96	45.57	58.25	71.13	89.34	96.38	99.60	100.00
485004.dat	0.10	4.63	27.97	45.47	57.55	71.03	89.34	96.18	99.70	100.00
485005.dat	0.40	6.14	29.28	48.09	59.26	72.74	90.85	96.58	100.00	100.00
485006.dat	0.40	5.03	28.17	45.57	57.55	71.43	89.13	95.57	99.09	100.00
485007.dat	0.50	5.23	27.97	46.18	57.85	71.93	88.03	94.27	98.39	100.00
485008.dat	0.70	7.04	36.12	48.29	61.37	74.35	89.24	94.67	98.09	100.00
485009.dat	0.50	10.66	36.02	47.18	59.96	74.25	89.24	95.07	98.79	100.00
485010.dat	0.70	16.00	35.81	48.29	62.37	74.04	87.53	94.97	97.89	100.00
485011.dat	3.32	23.24	35.11	48.39	63.88	74.45	84.71	95.47	98.89	100.00
485012.dat	8.05	25.05	33.70	45.57	60.87	73.44	82.70	95.67	98.79	100.00
485101.dat	4.43	21.43	31.99	41.25	57.44	71.43	80.38	94.97	98.09	100.00
485102.dat	4.63	21.43	31.49	40.95	55.53	68.71	78.37	91.95	97.48	100.00
485103.dat	4.33	20.52	31.49	42.66	57.44	70.42	78.77	90.64	97.79	100.00
485104.dat	2.82	11.97	30.18	42.25	57.14	70.32	79.78	92.56	97.59	100.00
485105.dat	3.62	12.98	30.89	43.26	58.85	70.12	78.67	90.44	97.28	100.00
485106.dat	3.42	13.68	32.90	48.59	65.69	75.05	82.90	93.66	97.89	100.00
485107.dat	2.41	10.36	31.79	48.29	64.99	75.55	83.40	94.06	98.09	100.00
485108.dat	2.41	8.15	26.06	42.45	61.57	75.05	83.10	94.06	98.49	100.00
485109.dat	2.72	10.06	27.36	43.36	63.68	76.86	84.51	94.67	98.49	100.00
485110.dat	3.02	11.27	27.16	44.27	61.97	77.46	86.32	95.67	99.20	100.00
485111.dat	2.01	9.26	25.75	42.15	61.37	77.16	86.92	95.37	99.20	100.00
485112.dat	0.20	5.23	19.92	35.51	54.12	73.04	84.21	93.76	97.69	100.00
485201.dat	0.00	1.51	11.37	27.57	46.38	67.20	85.31	94.47	99.50	100.00
485202.dat	0.00	4.12	15.19	28.87	45.88	66.90	85.71	95.67	100.00	100.00
485203.dat	0.00	4.43	12.78	23.74	42.66	65.29	85.61	96.18	100.00	100.00
485204.dat	0.00	1.71	9.46	22.33	43.16	71.03	91.05	98.19	100.00	100.00
485205.dat	0.00	1.31	8.85	23.14	44.67	72.43	94.57	100.00	100.00	100.00
485206.dat	0.00	2.11	9.76	24.55	45.67	72.54	93.16	100.00	100.00	100.00
485207.dat	0.00	1.91	8.35	23.84	45.98	71.73	93.16	100.00	100.00	100.00
485208.dat	0.00	2.92	8.95	23.74	46.08	73.14	94.27	99.50	100.00	100.00
485209.dat	0.00	1.41	8.25	23.84	46.58	75.65	94.97	100.00	100.00	100.00
485210.dat	0.00	3.42	10.36	26.16	51.81	80.68	96.88	100.00	100.00	100.00
485211.dat	0.00	1.91	7.85	20.52	54.93	84.21	98.09	100.00	100.00	100.00
485212.dat	0.00	2.52	10.16	24.95	55.63	81.79	98.49	100.00	100.00	100.00
485301.dat	0.80	4.63	14.39	27.06	49.50	72.64	92.35	100.00	100.00	100.00
485302.dat	0.40	5.23	14.59	26.96	51.01	76.96	96.08	100.00	100.00	100.00
485303.dat	0.40	5.13	14.79	29.48	55.33	81.49	96.18	100.00	100.00	100.00
485304.dat	0.00	3.82	13.68	26.26	50.70	74.75	93.96	99.60	100.00	100.00
485305.dat	0.20	6.04	14.69	27.77	50.20	71.33	92.56	99.80	100.00	100.00
485306.dat	0.60	7.04	16.20	29.38	49.20	70.22	87.93	98.39	100.00	100.00
485307.dat	2.01	5.94	13.98	27.16	48.99	71.03	89.74	99.09	100.00	100.00
485308.dat	2.41	6.14	13.58	25.96	48.69	68.01	87.12	98.39	100.00	100.00
485309.dat	2.92	8.05	15.69	28.57	51.11	69.22	88.23	99.09	100.00	100.00
485310.dat	2.52	8.05	17.71	32.09	55.03	69.72	89.74	98.59	100.00	100.00
485311.dat	1.61	7.24	17.00	30.58	54.33	70.12	88.73	96.08	100.00	100.00
485312.dat	1.71	7.55	18.91	35.81	54.53	68.71	87.32	94.47	99.20	100.00
485401.dat	1.71	7.75	17.91	34.41	56.04	70.02	87.42	94.77	99.09	100.00
485402.dat	1.91	8.25	19.52	34.71	57.14	70.82	88.13	95.07	98.89	100.00
485403.dat	0.91	7.65	15.59	30.99	53.82	73.54	90.74	96.58	100.00	100.00
485404.dat	1.81	7.85	15.59	32.70	56.44	73.24	90.14	95.77	99.80	100.00
485405.dat	0.50	6.94	15.29	33.30	57.55	72.54	90.04	96.18	99.80	100.00
485406.dat	0.91	6.54	14.89	34.00	57.55	73.04	89.03	95.57	99.80	100.00
485407.dat	0.40	7.14	16.10	36.92	58.35	73.64	90.24	95.88	99.90	100.00
485408.dat	0.00	4.93	14.08	32.29	56.24	72.33	90.04	95.47	99.80	100.00
485409.dat	0.20	5.33	14.59	29.68	57.55	72.03	89.13	95.37	99.70	100.00
485410.dat	0.00	5.13	13.78	31.59	61.57	80.68	94.97	100.00	100.00	100.00
485411.dat	0.00	5.73	16.50	32.90	63.98	84.31	96.78	100.00	100.00	100.00

485412.dat	0.00	5.84	18.41	35.01	64.29	88.43	97.69	100.00	100.00	100.00
485501.dat	0.00	6.34	20.62	37.22	65.39	92.96	99.50	100.00	100.00	100.00
485502.dat	0.00	6.74	20.32	36.72	64.79	96.18	99.90	100.00	100.00	100.00
485503.dat	0.00	7.34	21.03	37.12	67.71	96.38	100.00	100.00	100.00	100.00
485504.dat	0.40	9.56	21.23	39.03	68.11	94.47	99.80	100.00	100.00	100.00
485505.dat	0.10	7.95	20.22	38.83	67.40	95.98	99.90	100.00	100.00	100.00
485506.dat	0.00	5.73	18.61	38.03	64.08	94.47	99.90	100.00	100.00	100.00
485507.dat	0.00	3.92	16.10	33.50	59.66	93.46	99.80	100.00	100.00	100.00
485508.dat	0.00	6.14	20.32	38.13	67.40	95.67	99.90	100.00	100.00	100.00
485509.dat	0.00	5.33	17.20	36.92	66.70	95.17	99.80	100.00	100.00	100.00
485510.dat	0.00	8.35	21.33	41.35	74.55	97.08	99.90	100.00	100.00	100.00
485511.dat	0.00	8.55	22.33	40.44	72.94	93.86	100.00	100.00	100.00	100.00
485512.dat	0.10	7.55	22.43	43.36	63.58	87.63	99.70	100.00	100.00	100.00
485601.dat	0.00	5.63	20.82	44.16	63.58	83.10	97.55	100.00	100.00	100.00
485602.dat	0.20	7.24	22.64	44.06	63.98	83.30	96.88	100.00	100.00	100.00
485603.dat	1.41	12.37	35.81	55.23	68.21	83.10	96.28	100.00	100.00	100.00
485604.dat	2.52	14.69	38.03	56.34	68.11	83.20	96.78	100.00	100.00	100.00
485605.dat	3.92	11.37	34.91	54.23	64.49	80.68	95.27	100.00	100.00	100.00
485606.dat	5.33	15.49	38.03	55.13	67.51	83.50	95.98	100.00	100.00	100.00
485607.dat	5.94	16.20	39.64	56.24	67.91	82.90	95.67	100.00	100.00	100.00
485608.dat	6.94	19.42	42.66	57.34	66.80	81.29	95.57	100.00	100.00	100.00
485609.dat	9.96	23.84	46.18	57.55	67.81	82.09	94.77	100.00	100.00	100.00
485610.dat	8.25	17.61	39.64	54.33	61.47	76.46	87.63	96.98	100.00	100.00
485611.dat	10.87	23.54	45.07	55.73	64.59	77.26	87.42	96.78	100.00	100.00
485612.dat	12.07	25.65	48.09	59.96	70.32	79.68	88.53	96.58	100.00	100.00
485701.dat	8.05	17.61	44.47	60.46	76.76	86.92	97.28	100.00	100.00	100.00
485702.dat	9.05	18.81	43.96	57.65	74.35	86.92	95.57	100.00	100.00	100.00
485703.dat	9.56	17.40	41.15	56.34	70.12	82.80	92.05	100.00	100.00	100.00
485704.dat	7.34	15.90	36.42	55.63	71.03	83.50	92.86	100.00	100.00	100.00
485705.dat	4.83	10.97	27.67	51.81	66.20	83.70	93.66	100.00	100.00	100.00
485706.dat	4.43	10.66	24.04	47.99	68.81	86.62	93.76	100.00	100.00	100.00
485707.dat	4.93	11.47	24.75	48.59	68.21	86.42	93.26	100.00	100.00	100.00
485708.dat	1.81	5.94	21.63	47.28	68.91	87.53	94.67	100.00	100.00	100.00
485709.dat	2.21	5.84	20.93	46.98	63.98	86.82	94.97	100.00	100.00	100.00
485710.dat	0.00	1.41	12.68	41.85	56.64	82.60	93.16	100.00	100.00	100.00
485711.dat	0.00	0.91	7.85	37.53	58.85	85.51	96.28	100.00	100.00	100.00
485712.dat	0.00	0.20	7.75	32.60	54.23	84.71	95.88	100.00	100.00	100.00
485801.dat	0.00	1.81	11.07	41.05	57.44	86.12	99.20	100.00	100.00	100.00
485802.dat	0.00	0.00	2.92	29.88	52.21	74.35	95.77	100.00	100.00	100.00
485803.dat	0.00	0.00	3.82	30.99	51.01	72.23	95.77	99.90	100.00	100.00
485804.dat	0.00	0.00	1.71	24.65	46.28	65.69	91.15	100.00	100.00	100.00
485805.dat	0.00	0.00	2.31	26.66	43.86	63.48	88.93	99.90	100.00	100.00
485806.dat	0.00	0.00	1.71	26.86	42.56	61.47	88.73	99.70	100.00	100.00
485807.dat	0.00	0.20	7.14	30.89	42.66	61.07	87.73	99.50	100.00	100.00
485808.dat	0.00	0.00	5.03	29.58	43.26	63.58	89.34	99.70	100.00	100.00
485809.dat	0.00	0.00	3.52	27.87	44.16	62.27	89.34	99.70	100.00	100.00
485810.dat	0.00	0.00	2.82	27.06	44.37	61.47	88.73	99.20	100.00	100.00
485811.dat	0.00	0.00	3.52	25.55	42.25	59.15	87.42	97.38	100.00	100.00
485812.dat	0.00	0.30	4.23	26.76	42.25	59.66	84.81	96.98	99.30	100.00
485901.dat	0.00	0.80	9.96	31.99	44.16	56.34	80.68	92.35	98.49	100.00
485902.dat	0.00	1.31	7.24	29.48	43.26	53.92	77.87	91.05	98.09	100.00
485903.dat	0.00	1.11	6.34	29.58	43.26	54.12	78.87	92.15	98.49	100.00
485904.dat	0.00	1.11	6.14	29.38	43.46	56.54	82.19	94.77	98.89	100.00
485905.dat	0.00	1.31	6.84	30.38	44.37	55.73	79.58	92.66	99.09	100.00
485906.dat	0.00	1.31	8.95	32.80	44.67	56.24	79.18	93.26	98.79	100.00
485907.dat	0.00	1.71	13.78	35.71	46.18	59.66	82.70	95.17	99.09	100.00
485908.dat	0.00	2.82	18.01	36.22	45.98	59.15	81.39	93.96	99.09	100.00
485909.dat	0.00	2.31	15.19	34.00	44.67	54.43	76.46	91.75	98.49	100.00
485910.dat	0.00	1.31	11.57	27.97	43.46	54.93	78.67	93.76	99.20	100.00
485911.dat	0.00	0.80	12.88	29.48	44.57	59.66	86.02	96.28	99.80	100.00
485912.dat	0.00	0.00	11.17	31.19	58.55	79.88	91.75	98.89	100.00	100.00
486001.dat	0.00	1.11	16.50	36.42	65.79	85.31	94.77	99.50	100.00	100.00
486002.dat	0.00	1.81	13.28	31.99	64.08	83.00	94.47	99.20	100.00	100.00
486003.dat	0.00	0.50	8.05	26.26	54.02	78.77	94.57	99.50	100.00	100.00
486004.dat	0.00	0.80	8.95	28.27	55.84	76.66	92.45	98.89	100.00	100.00
486005.dat	0.50	3.72	12.58	30.58	58.65	78.67	91.85	98.69	100.00	100.00
486006.dat	1.11	4.02	12.07	31.89	60.26	81.09	93.46	98.79	100.00	100.00
486007.dat	1.71	4.53	12.78	32.70	61.47	82.19	94.37	98.99	100.00	100.00
486008.dat	1.41	4.53	11.87	31.49	62.47	81.49	93.76	98.99	100.00	100.00
486009.dat	1.41	4.23	9.26	29.48	59.05	82.29	94.06	99.50	100.00	100.00
486010.dat	1.71	4.83	10.36	30.68	60.87	85.01	95.47	99.50	100.00	100.00

486011.dat	0.30	2.92	7.04	18.51	44.77	77.97	92.25	98.19	100.00	100.00
486012.dat	0.10	2.72	7.04	20.12	44.77	78.67	93.26	98.79	100.00	100.00
486101.dat	0.50	4.12	11.17	29.28	53.62	80.28	92.86	98.29	100.00	100.00
486102.dat	0.20	3.92	11.07	30.48	55.94	76.86	90.64	97.08	100.00	100.00
486103.dat	0.10	4.23	12.07	29.58	56.74	76.96	91.65	97.59	100.00	100.00
486104.dat	0.70	5.73	16.80	34.81	60.66	79.78	91.95	97.38	100.00	100.00
486105.dat	3.62	11.67	24.65	44.97	67.10	82.39	92.05	97.18	100.00	100.00
486106.dat	4.63	14.08	26.76	46.58	68.91	83.50	92.45	97.99	100.00	100.00
486107.dat	3.82	12.68	27.87	47.48	68.91	83.60	92.45	97.89	100.00	100.00
486108.dat	1.01	10.76	27.87	48.79	70.52	83.90	92.15	97.89	100.00	100.00
486109.dat	0.00	5.33	19.42	44.47	68.21	83.70	91.35	96.88	100.00	100.00
486110.dat	0.70	5.63	24.75	52.11	72.13	84.91	92.15	97.79	100.00	100.00
486111.dat	0.70	5.03	27.67	52.62	69.01	83.20	91.35	96.28	100.00	100.00
486112.dat	0.40	4.93	26.85	51.61	69.22	84.61	91.25	96.08	100.00	100.00
486201.dat	0.20	4.93	23.74	54.33	74.65	86.42	92.45	97.69	100.00	100.00
486202.dat	0.00	3.52	22.23	53.72	78.77	88.23	93.36	99.09	100.00	100.00
486203.dat	0.80	6.04	26.56	61.87	79.88	88.03	93.26	98.29	100.00	100.00
486204.dat	2.52	9.76	36.32	67.20	81.69	89.54	93.56	99.20	100.00	100.00
486205.dat	0.91	8.45	31.29	62.98	79.58	87.53	93.56	98.29	100.00	100.00
486206.dat	1.01	9.56	37.93	68.21	81.49	88.43	94.37	99.20	100.00	100.00
486207.dat	1.11	9.46	35.01	66.00	81.19	88.53	94.47	99.20	100.00	100.00
486208.dat	2.21	13.68	41.05	67.30	81.89	88.03	93.96	98.89	100.00	100.00
486209.dat	4.02	15.59	43.46	67.30	81.79	87.73	94.06	98.99	100.00	100.00
486210.dat	3.02	13.98	32.09	59.46	77.46	86.72	93.66	98.99	100.00	100.00
486211.dat	3.02	13.08	33.50	59.86	77.77	88.23	94.97	100.00	100.00	100.00
486212.dat	2.31	10.76	32.70	57.04	78.47	89.64	96.18	100.00	100.00	100.00
486301.dat	3.42	10.66	31.79	60.46	82.29	92.96	99.70	100.00	100.00	100.00
486302.dat	5.33	13.68	35.81	62.27	82.60	92.66	100.00	100.00	100.00	100.00
486303.dat	2.41	9.86	30.38	57.44	81.69	92.96	100.00	100.00	100.00	100.00
486304.dat	1.01	6.64	23.54	48.59	75.86	92.86	99.80	100.00	100.00	100.00
486305.dat	1.11	7.55	24.95	49.20	76.96	94.27	99.80	100.00	100.00	100.00
486306.dat	1.01	5.33	20.12	41.55	70.93	92.05	99.40	100.00	100.00	100.00
486307.dat	1.01	6.34	21.33	42.35	70.32	91.35	99.70	100.00	100.00	100.00
486308.dat	0.70	4.93	18.31	40.54	70.02	90.85	99.40	100.00	100.00	100.00
486309.dat	0.00	2.41	14.08	43.96	74.55	95.37	99.80	100.00	100.00	100.00
486310.dat	0.70	3.32	14.29	39.64	73.64	96.78	99.70	100.00	100.00	100.00
486311.dat	0.60	2.21	11.37	32.19	61.67	92.45	98.99	100.00	100.00	100.00
486312.dat	1.21	5.63	15.29	34.91	61.07	90.04	98.99	100.00	100.00	100.00
486401.dat	1.31	8.05	17.91	36.82	61.37	83.90	96.98	100.00	100.00	100.00
486402.dat	2.62	9.36	20.93	45.88	69.62	91.25	98.99	100.00	100.00	100.00
486403.dat	1.41	8.55	19.72	45.88	73.94	94.97	99.70	100.00	100.00	100.00
486404.dat	1.41	8.05	18.01	41.05	74.85	96.08	99.40	100.00	100.00	100.00
486405.dat	1.31	8.05	16.90	36.72	76.06	96.48	99.30	100.00	100.00	100.00
486406.dat	1.31	7.85	16.00	29.88	61.07	91.25	98.49	99.40	100.00	100.00
486407.dat	1.31	6.64	14.29	28.17	57.95	89.84	98.79	99.80	100.00	100.00
486408.dat	0.20	5.33	12.68	25.75	54.73	89.34	98.29	100.00	100.00	100.00
486409.dat	0.40	4.63	11.77	24.14	54.83	88.93	97.99	100.00	100.00	100.00
486410.dat	0.50	6.84	14.39	23.74	61.27	91.55	98.29	100.00	100.00	100.00
486411.dat	0.30	5.13	13.78	26.16	63.58	92.56	98.79	100.00	100.00	100.00
486412.dat	0.00	2.41	11.97	19.62	37.22	71.93	94.27	99.09	100.00	100.00
486501.dat	0.00	2.62	10.76	18.91	32.39	58.65	89.44	98.39	100.00	100.00
486502.dat	0.00	2.21	8.85	17.40	34.61	72.13	95.37	99.30	100.00	100.00
486503.dat	0.00	1.91	8.85	18.41	44.57	82.09	98.29	99.70	100.00	100.00
486504.dat	0.00	0.00	3.52	13.28	35.92	74.45	95.98	98.69	100.00	100.00
486505.dat	0.00	0.00	3.32	12.68	40.04	75.86	95.37	98.39	99.70	100.00
486506.dat	0.00	0.00	2.41	11.07	35.51	67.51	90.64	97.99	99.20	100.00
486507.dat	0.00	0.00	2.31	9.15	31.89	63.88	89.84	97.79	99.09	100.00
486508.dat	0.00	0.00	2.92	13.28	31.29	61.17	85.92	96.98	98.79	100.00
486509.dat	0.00	0.00	2.72	12.27	31.09	62.07	88.43	97.79	98.89	100.00
486510.dat	0.00	0.00	3.22	14.29	35.61	67.61	92.45	98.29	99.40	100.00
486511.dat	0.00	0.00	1.01	8.05	29.48	65.09	89.64	97.79	99.09	100.00
486512.dat	0.00	0.00	0.91	3.42	24.25	65.39	89.64	97.28	99.30	100.00
486601.dat	0.00	0.50	1.21	3.12	20.93	65.09	90.85	97.79	99.40	100.00
486602.dat	0.00	0.50	1.41	11.57	32.80	73.04	94.87	98.69	99.80	100.00
486603.dat	0.00	0.50	1.41	13.78	37.22	75.75	95.67	98.69	99.90	100.00
486604.dat	0.00	0.50	1.31	13.98	41.45	77.57	96.08	98.59	99.70	100.00
486605.dat	0.50	1.21	1.81	17.10	48.39	84.10	97.59	99.40	100.00	100.00
486606.dat	0.50	1.11	1.91	16.20	48.59	82.60	98.09	99.60	100.00	100.00
486607.dat	0.60	1.41	1.81	16.10	50.30	82.80	97.48	99.40	100.00	100.00
486608.dat	0.60	1.01	1.61	15.19	48.29	80.58	97.59	99.70	100.00	100.00
486609.dat	0.50	0.91	1.71	17.10	47.28	80.38	97.59	99.80	100.00	100.00

486610.dat	0.50	1.11	1.71	26.36	55.63	83.70	98.09	99.90	100.00	100.00
486611.dat	0.50	1.11	2.11	16.60	53.62	82.70	97.48	99.70	100.00	100.00
486612.dat	0.60	1.11	1.81	7.85	38.63	76.26	96.38	99.40	100.00	100.00
486701.dat	0.60	1.11	1.81	5.84	24.25	71.83	93.76	99.40	100.00	100.00
486702.dat	0.60	1.11	2.01	9.36	39.44	77.87	96.28	99.60	100.00	100.00
486703.dat	0.80	1.11	2.11	9.26	39.54	76.86	94.87	99.30	100.00	100.00
486704.dat	0.30	0.91	2.01	10.46	36.02	76.96	94.57	98.99	100.00	100.00
486705.dat	0.00	0.10	1.41	10.26	33.70	74.14	95.07	99.30	100.00	100.00
486706.dat	0.00	0.10	0.91	9.15	29.88	71.63	94.27	99.50	100.00	100.00
486707.dat	0.00	0.00	0.70	8.25	26.66	65.49	93.26	99.30	100.00	100.00
486708.dat	0.00	0.00	1.21	10.16	29.78	72.33	95.88	99.80	100.00	100.00
486709.dat	0.00	0.00	1.81	11.17	34.00	76.16	96.38	100.00	100.00	100.00
486710.dat	0.00	0.00	1.01	7.95	41.55	77.87	96.88	99.50	100.00	100.00
486711.dat	0.00	0.00	1.81	12.58	44.37	83.00	98.39	100.00	100.00	100.00
486712.dat	0.00	0.00	2.21	11.37	33.10	71.83	97.79	99.70	100.00	100.00
486801.dat	0.00	0.00	3.42	15.39	36.92	74.55	98.19	99.70	100.00	100.00
486802.dat	0.00	0.00	1.41	10.16	28.57	67.71	95.67	99.40	100.00	100.00
486803.dat	0.00	0.00	1.71	11.37	28.77	69.42	94.77	99.09	99.90	100.00
486804.dat	0.00	0.00	3.02	12.98	31.19	72.33	95.88	99.09	99.90	100.00
486805.dat	0.00	0.00	2.62	11.57	32.39	74.04	96.38	99.09	99.80	100.00
486806.dat	0.00	0.00	4.93	14.99	35.11	78.97	96.58	98.99	99.80	100.00
486807.dat	0.00	0.30	6.24	16.10	35.01	76.06	96.88	99.40	100.00	100.00
486808.dat	0.00	0.00	3.92	11.37	31.69	70.82	94.16	99.20	100.00	100.00
486809.dat	0.00	0.00	2.92	10.97	35.51	74.35	94.87	99.70	100.00	100.00
486810.dat	0.00	0.00	2.41	8.65	30.89	65.69	93.96	99.60	100.00	100.00
486811.dat	0.00	0.00	0.50	7.44	33.10	71.53	94.57	99.50	100.00	100.00
486812.dat	0.00	0.00	7.65	16.30	43.36	81.99	97.28	99.50	100.00	100.00
486901.dat	0.00	0.00	6.54	14.49	29.38	66.10	95.37	99.90	100.00	100.00
486902.dat	0.00	0.00	4.83	13.78	27.16	55.84	86.62	98.09	99.90	100.00
486903.dat	0.00	0.00	4.02	12.88	26.56	54.12	86.42	98.09	100.00	100.00
486904.dat	0.00	0.00	3.72	13.18	32.09	62.68	89.03	99.20	100.00	100.00
486905.dat	0.00	0.00	3.02	12.98	31.69	70.42	89.44	99.09	100.00	100.00
486906.dat	0.00	0.00	0.60	11.57	30.28	62.47	88.63	99.09	100.00	100.00
486907.dat	0.00	0.00	1.31	14.39	31.99	66.20	88.93	99.09	100.00	100.00
486908.dat	0.00	0.00	5.53	16.10	37.32	74.55	91.25	99.09	100.00	100.00
486909.dat	0.00	0.00	4.12	16.90	40.95	76.76	90.34	99.09	100.00	100.00
486910.dat	0.00	0.00	1.31	11.17	31.49	71.53	90.04	99.09	100.00	100.00
486911.dat	0.00	0.00	4.23	15.39	40.74	81.29	96.68	100.00	100.00	100.00
486912.dat	0.00	0.00	0.60	12.37	49.70	83.80	100.00	100.00	100.00	100.00
487001.dat	0.00	0.00	0.00	6.74	40.44	75.75	95.27	100.00	100.00	100.00
487002.dat	0.00	0.00	0.00	6.34	42.76	75.55	94.16	100.00	100.00	100.00
487003.dat	0.00	0.00	0.00	2.01	36.92	76.06	91.25	99.80	100.00	100.00
487004.dat	0.00	0.00	0.00	0.80	31.59	70.93	90.44	99.60	100.00	100.00
487005.dat	0.00	0.00	0.00	0.80	31.29	70.32	90.95	99.90	100.00	100.00
487006.dat	0.00	0.00	0.00	0.60	26.66	61.07	88.53	99.60	100.00	100.00
487007.dat	0.00	0.00	0.00	1.91	25.65	56.74	85.61	99.50	100.00	100.00
487008.dat	0.00	0.00	0.00	3.72	22.74	56.54	84.00	99.50	100.00	100.00
487009.dat	0.00	0.00	0.00	5.03	18.51	53.32	84.31	99.80	100.00	100.00
487010.dat	0.00	0.00	0.00	4.43	16.70	51.21	81.49	99.80	100.00	100.00
487011.dat	0.00	0.00	0.00	5.03	17.30	47.99	78.07	98.19	100.00	100.00
487012.dat	0.00	0.00	0.00	6.64	23.74	52.11	78.97	99.90	100.00	100.00
487101.dat	0.00	0.00	0.00	6.34	25.55	52.92	86.02	99.80	100.00	100.00
487102.dat	0.00	0.00	0.00	5.13	22.03	50.30	82.90	99.70	100.00	100.00
487103.dat	0.00	0.00	0.00	5.03	21.83	52.11	87.02	99.20	100.00	100.00
487104.dat	0.00	0.00	0.00	7.85	22.03	58.65	89.84	99.30	100.00	100.00
487105.dat	0.00	0.00	0.00	6.24	22.84	54.02	87.32	97.18	100.00	100.00
487106.dat	0.00	0.00	0.00	6.94	31.39	60.46	91.75	97.89	100.00	100.00
487107.dat	0.00	0.00	0.91	8.35	35.21	62.98	93.76	98.39	100.00	100.00
487108.dat	0.00	0.10	1.61	7.04	31.39	58.05	91.55	97.89	100.00	100.00
487109.dat	0.00	0.00	1.71	6.34	28.67	57.34	89.03	97.18	99.30	100.00
487110.dat	0.00	0.00	0.00	3.92	20.93	55.23	89.54	97.48	99.50	100.00
487111.dat	0.00	0.00	0.10	6.24	21.43	53.82	88.33	96.68	99.09	100.00
487112.dat	0.00	0.00	0.80	10.06	24.35	46.98	83.00	95.67	98.49	100.00
487201.dat	0.00	0.00	1.01	11.27	23.24	46.48	83.50	95.47	97.99	100.00
487202.dat	0.00	0.00	2.92	13.98	26.36	50.40	83.70	95.67	98.09	100.00
487203.dat	0.00	0.20	6.14	15.69	29.48	53.52	80.38	94.27	97.48	100.00
487204.dat	0.00	0.20	8.15	19.11	32.19	53.32	78.27	93.46	97.28	100.00
487205.dat	0.00	0.10	7.75	20.72	33.90	55.13	80.89	93.86	97.28	100.00
487206.dat	0.00	0.00	4.43	17.51	34.10	54.73	81.69	94.27	97.28	100.00
487207.dat	0.00	0.00	9.46	21.13	36.12	55.13	81.09	94.06	97.28	100.00
487208.dat	0.00	0.00	10.26	22.84	38.03	65.39	86.22	95.17	97.99	100.00



487209.dat	0.00	0.00	7.65	20.22	37.42	63.28	85.01	95.37	97.89	100.00
487210.dat	0.00	0.00	0.50	7.75	24.75	59.86	84.10	95.88	98.29	100.00
487211.dat	0.00	0.00	0.00	4.83	25.15	61.37	89.74	97.18	98.89	100.00
487212.dat	0.00	0.00	0.00	3.02	23.34	59.76	90.44	97.28	98.79	100.00
487301.dat	0.00	0.00	1.61	9.05	37.32	71.93	93.86	98.29	98.99	100.00
487302.dat	0.00	0.30	3.32	8.35	41.75	76.76	95.17	98.39	99.09	100.00
487303.dat	0.00	0.00	2.11	5.84	32.80	67.20	93.46	98.19	98.99	100.00
487304.dat	0.00	0.00	2.92	8.85	36.82	71.03	93.86	98.39	98.99	100.00
487305.dat	0.00	0.00	3.32	9.86	34.51	69.01	93.96	98.29	98.99	100.00
487306.dat	0.00	0.70	4.43	14.59	41.45	78.67	96.08	98.69	99.09	100.00
487307.dat	0.30	0.91	4.33	14.39	40.54	80.18	96.38	98.69	99.09	100.00
487308.dat	0.30	0.91	4.12	13.68	43.36	81.99	95.77	98.69	99.09	100.00
487309.dat	0.10	0.70	4.12	14.29	45.88	77.57	95.07	98.59	99.09	100.00
487310.dat	0.10	1.01	5.43	17.00	50.20	79.78	96.38	98.79	99.50	100.00
487311.dat	0.00	0.60	4.33	14.89	36.52	62.47	89.13	97.69	98.89	100.00
487312.dat	0.00	0.30	4.02	16.60	33.30	61.97	88.33	97.59	99.50	100.00
487401.dat	0.00	0.30	1.21	10.76	34.31	67.91	90.64	97.89	100.00	100.00
487402.dat	0.00	0.30	2.52	13.08	37.53	66.50	86.92	97.08	99.60	100.00
487403.dat	0.00	0.30	3.92	16.70	35.61	64.89	85.11	96.08	98.79	100.00
487404.dat	0.00	0.30	4.12	17.10	33.90	63.98	84.81	95.57	99.30	100.00
487405.dat	0.00	0.50	4.33	17.20	34.71	64.99	85.31	95.77	99.40	100.00
487406.dat	0.10	0.70	4.63	21.43	41.25	72.94	87.83	96.58	99.20	100.00
487407.dat	0.20	1.01	5.73	22.23	42.15	71.33	86.92	95.88	99.20	100.00
487408.dat	0.00	0.70	8.35	24.55	46.48	71.63	87.02	95.77	99.09	100.00
487409.dat	0.00	1.31	12.78	28.57	52.92	74.95	88.63	96.78	99.40	100.00
487410.dat	0.00	1.01	8.95	25.55	45.88	72.94	90.24	97.69	99.50	100.00
487411.dat	0.00	1.01	10.26	29.48	52.62	81.09	93.86	98.69	99.70	100.00
487412.dat	0.00	1.11	10.36	30.08	57.34	80.89	92.86	98.59	99.70	100.00
487501.dat	0.00	1.11	12.07	28.17	57.14	78.87	94.16	98.89	100.00	100.00
487502.dat	0.00	1.11	10.46	27.87	48.49	75.75	90.85	98.59	99.80	100.00
487503.dat	0.00	0.40	6.74	22.03	40.64	72.03	93.36	99.09	100.00	100.00
487504.dat	0.10	1.11	5.03	20.42	40.54	70.82	93.46	99.30	100.00	100.00
487505.dat	0.00	1.91	7.14	23.54	43.26	75.35	94.57	99.20	100.00	100.00
487506.dat	0.00	0.70	6.94	24.45	43.06	74.75	96.08	99.40	100.00	100.00
487507.dat	0.00	0.20	3.32	21.03	38.03	69.72	94.37	99.40	100.00	100.00
487508.dat	0.00	0.40	6.44	22.43	41.05	71.43	93.36	98.99	100.00	100.00
487509.dat	0.00	0.10	9.36	25.15	42.76	76.96	96.48	99.70	100.00	100.00
487510.dat	0.00	0.20	10.26	22.94	44.37	72.84	91.95	99.40	100.00	100.00
487511.dat	0.00	0.50	7.14	22.74	44.06	75.55	93.96	100.00	100.00	100.00
487512.dat	0.00	0.70	11.87	27.77	53.92	80.58	93.06	99.70	100.00	100.00
487601.dat	0.00	0.70	11.97	28.77	56.74	81.79	96.48	100.00	100.00	100.00
487602.dat	0.00	0.00	4.73	21.73	46.48	79.58	97.79	100.00	100.00	100.00
487603.dat	0.00	0.00	5.03	22.54	45.47	81.49	99.60	100.00	100.00	100.00
487604.dat	0.00	0.00	2.62	19.32	43.66	81.39	99.30	100.00	100.00	100.00
487605.dat	0.00	0.00	2.92	19.62	40.85	81.89	97.79	100.00	100.00	100.00
487606.dat	0.00	0.00	5.03	21.93	44.06	83.30	98.59	99.90	100.00	100.00
487607.dat	0.00	0.00	2.52	17.40	39.24	80.78	97.89	99.90	100.00	100.00
487608.dat	0.00	0.00	1.71	13.68	40.24	77.16	98.09	100.00	100.00	100.00
487609.dat	0.00	0.00	1.01	7.85	32.29	74.85	96.98	99.90	100.00	100.00
487610.dat	0.00	0.00	2.92	18.61	53.42	82.39	98.79	100.00	100.00	100.00
487611.dat	0.00	0.00	5.03	27.26	65.79	90.74	98.99	100.00	100.00	100.00
487612.dat	0.00	0.70	9.26	37.53	78.87	96.38	99.20	100.00	100.00	100.00
487701.dat	0.00	0.40	10.16	50.91	87.22	97.48	99.40	100.00	100.00	100.00
487702.dat	0.00	0.10	22.13	64.89	87.12	97.79	99.60	100.00	100.00	100.00
487703.dat	0.00	5.23	39.34	69.42	86.82	98.49	99.80	100.00	100.00	100.00
487704.dat	0.00	5.23	44.87	72.33	88.13	98.69	100.00	100.00	100.00	100.00
487705.dat	0.00	5.63	35.01	62.58	83.00	97.79	99.50	100.00	100.00	100.00
487706.dat	0.20	6.84	33.70	61.47	82.49	96.78	99.60	100.00	100.00	100.00
487707.dat	0.00	4.83	30.58	59.76	81.49	96.28	99.80	100.00	100.00	100.00
487708.dat	0.00	2.31	22.43	52.92	77.57	92.96	100.00	100.00	100.00	100.00
487709.dat	0.00	1.31	19.11	55.03	75.75	92.25	100.00	100.00	100.00	100.00
487710.dat	0.00	1.41	19.82	54.23	77.36	93.96	100.00	100.00	100.00	100.00
487711.dat	0.00	6.14	28.57	61.57	84.21	97.08	100.00	100.00	100.00	100.00
487712.dat	0.00	6.04	24.45	55.63	79.88	96.48	99.80	100.00	100.00	100.00
487801.dat	1.01	2.72	21.63	50.40	84.41	97.48	99.70	100.00	100.00	100.00
487802.dat	0.80	2.62	14.29	39.54	76.16	95.98	98.79	100.00	100.00	100.00
487803.dat	1.01	2.62	14.39	43.86	69.42	93.36	98.39	99.60	100.00	100.00
487804.dat	0.70	3.02	10.87	36.42	62.78	89.44	97.28	98.89	100.00	100.00
487805.dat	0.00	1.51	6.64	31.09	58.95	87.22	97.28	98.79	100.00	100.00
487806.dat	0.00	1.51	6.54	30.18	57.85	86.12	97.28	98.69	100.00	100.00
487807.dat	0.00	1.71	7.75	31.79	60.46	87.12	97.69	98.99	100.00	100.00

487808.dat	0.00	1.91	7.44	27.06	55.94	85.01	97.59	98.89	100.00	100.00
487809.dat	0.50	1.91	5.63	20.12	49.30	79.28	95.57	98.19	99.90	100.00
487810.dat	0.10	1.91	7.34	24.55	60.87	83.30	97.18	98.69	100.00	100.00
487811.dat	0.30	1.61	5.23	20.62	46.78	80.28	96.48	98.99	100.00	100.00
487812.dat	0.00	0.60	9.15	23.74	48.19	78.57	96.88	98.89	100.00	100.00
487901.dat	0.00	0.70	6.74	22.94	48.19	69.62	91.35	98.89	100.00	100.00
487902.dat	0.00	0.40	6.74	23.84	49.40	70.12	89.84	98.69	100.00	100.00
487903.dat	0.10	2.72	11.87	25.45	52.11	70.52	87.53	98.59	100.00	100.00
487904.dat	0.00	1.71	11.67	27.87	56.04	73.24	91.55	98.99	100.00	100.00
487905.dat	0.00	1.31	11.47	31.49	54.23	71.53	88.93	99.09	100.00	100.00
487906.dat	0.00	1.31	11.47	36.32	56.44	71.53	88.43	99.30	100.00	100.00
487907.dat	0.00	1.41	12.98	40.24	61.67	74.95	91.05	99.20	100.00	100.00
487908.dat	0.00	1.71	12.17	38.33	59.86	72.64	87.02	98.29	100.00	100.00
487909.dat	0.00	1.21	11.57	37.53	61.37	75.45	89.54	98.99	100.00	100.00
487910.dat	0.00	1.21	13.38	42.05	64.08	77.16	89.54	98.89	100.00	100.00
487911.dat	0.00	1.91	12.78	43.06	61.77	76.36	91.45	99.09	100.00	100.00
487912.dat	0.00	2.11	12.78	42.96	62.47	75.75	92.35	99.40	100.00	100.00
488001.dat	0.00	2.62	10.76	27.77	53.82	71.03	82.29	93.86	100.00	100.00
488002.dat	0.00	3.62	10.97	24.14	49.30	69.44	80.28	90.14	99.20	100.00
488003.dat	0.30	3.12	9.66	21.23	44.16	66.30	77.87	88.13	98.29	100.00
488004.dat	0.20	3.12	9.36	21.93	47.18	67.00	78.77	89.13	97.79	100.00
488005.dat	0.20	3.22	7.85	15.09	34.10	62.47	77.77	89.03	97.08	100.00
488006.dat	0.20	2.41	7.04	14.49	31.99	60.06	76.86	89.03	97.18	100.00
488007.dat	0.30	2.92	8.15	15.09	34.10	62.58	79.18	90.44	97.28	100.00
488008.dat	0.40	3.92	10.26	17.61	38.43	65.39	79.58	88.73	96.38	100.00
488009.dat	0.20	3.42	10.76	18.01	35.92	63.88	81.29	93.16	99.60	100.00
488010.dat	0.30	3.62	9.86	16.90	35.01	63.18	81.89	93.86	99.60	100.00
488011.dat	0.00	0.40	4.73	14.49	27.57	61.17	81.29	95.07	99.90	100.00
488012.dat	0.00	0.00	1.71	7.75	20.52	56.84	79.18	95.77	100.00	100.00
488101.dat	0.00	0.00	1.71	7.44	19.72	53.12	77.26	95.57	100.00	100.00
488102.dat	0.00	0.00	0.70	5.53	16.50	48.89	73.44	92.76	100.00	100.00
488103.dat	0.00	0.00	1.51	6.84	16.10	42.76	68.51	86.72	99.20	100.00
488104.dat	0.00	0.00	0.91	5.73	14.99	38.73	65.69	84.31	98.29	100.00
488105.dat	0.00	0.00	0.60	7.44	14.79	36.62	63.28	85.61	99.70	100.00
488106.dat	0.00	0.00	0.00	5.43	15.19	35.51	63.58	84.41	99.60	100.00
488107.dat	0.00	0.00	0.40	5.84	15.59	38.93	65.59	82.80	99.70	100.00
488108.dat	0.00	0.00	1.01	7.75	20.12	45.98	70.52	87.22	100.00	100.00
488109.dat	0.00	0.00	0.60	8.85	22.54	48.59	70.82	87.73	100.00	100.00
488110.dat	0.00	0.00	0.10	6.04	16.20	39.24	66.60	85.01	99.70	100.00
488111.dat	0.00	0.00	0.30	6.44	15.69	38.43	62.88	83.40	99.20	100.00
488112.dat	0.00	0.00	0.30	5.94	14.89	40.24	65.59	88.23	99.40	100.00
488201.dat	0.00	0.00	0.30	2.31	15.19	42.45	71.63	93.06	100.00	100.00
488202.dat	0.00	0.00	0.40	1.31	15.69	46.58	82.09	93.96	100.00	100.00
488203.dat	0.00	0.00	0.30	1.21	13.88	44.57	82.60	94.37	100.00	100.00
488204.dat	0.00	0.00	0.70	4.43	19.82	51.01	87.73	98.09	100.00	100.00
488205.dat	0.00	0.50	1.11	4.53	22.84	52.62	87.22	97.28	100.00	100.00
488206.dat	0.00	0.40	0.80	2.82	19.72	47.69	83.10	95.27	100.00	100.00
488207.dat	0.00	0.20	0.70	2.72	17.71	43.56	81.49	94.87	100.00	100.00
488208.dat	0.00	0.20	0.70	2.62	16.70	43.56	79.88	94.87	99.60	100.00
488209.dat	0.00	0.00	0.20	2.52	14.39	34.91	74.25	92.35	98.59	100.00
488210.dat	0.00	0.00	0.10	1.01	12.37	30.89	66.40	89.24	98.79	100.00
488211.dat	0.00	0.00	0.40	1.81	12.17	31.59	65.29	92.25	100.00	100.00
488212.dat	0.00	0.00	0.40	2.21	9.46	27.77	62.27	89.94	98.79	100.00
488301.dat	0.00	0.00	0.50	3.02	9.36	26.96	62.17	90.85	98.99	100.00
488302.dat	0.00	0.00	0.40	2.62	8.25	25.65	56.64	87.63	98.79	100.00
488303.dat	0.00	0.00	0.10	1.61	7.24	23.44	49.09	78.37	96.28	100.00
488304.dat	0.00	0.00	0.00	1.21	6.54	22.03	44.67	74.85	94.77	100.00
488305.dat	0.00	0.00	0.00	2.31	7.75	23.74	45.98	75.45	92.86	100.00
488306.dat	0.00	0.00	0.00	2.41	7.95	21.03	42.86	72.54	91.25	100.00
488307.dat	0.00	0.00	0.00	0.80	6.34	18.11	39.13	68.41	89.64	100.00
488308.dat	0.00	0.00	0.00	0.91	4.73	15.90	35.21	61.17	89.84	100.00
488309.dat	0.00	0.00	0.00	0.40	2.52	11.37	28.77	54.63	83.20	100.00
488310.dat	0.00	0.00	0.00	0.40	1.91	9.96	29.07	54.83	85.21	100.00
488311.dat	0.00	0.00	0.00	0.00	0.80	5.53	20.22	47.28	76.06	100.00
488312.dat	0.00	0.00	0.00	0.10	0.50	7.04	16.90	36.92	66.20	100.00
488401.dat	0.00	0.00	0.00	0.10	0.91	7.65	23.24	53.12	78.67	100.00
488402.dat	0.00	0.00	0.00	0.20	3.42	12.78	35.21	57.65	86.52	100.00
488403.dat	0.00	0.00	0.00	0.30	4.02	17.30	35.41	58.95	86.72	100.00
488404.dat	0.00	0.00	0.00	0.40	3.92	17.30	33.80	55.94	84.00	100.00
488405.dat	0.00	0.00	0.00	1.21	5.23	19.11	38.03	63.68	89.34	100.00
488406.dat	0.00	0.00	0.00	0.50	4.23	17.51	35.31	60.56	87.42	100.00

488407.dat	0.00	0.00	0.00	0.00	2.21	14.59	33.90	55.33	85.11	100.00
488408.dat	0.00	0.00	0.00	0.00	1.51	11.77	30.68	52.01	83.00	100.00
488409.dat	0.00	0.00	0.00	0.00	0.70	9.56	30.08	53.02	84.10	100.00
488410.dat	0.00	0.00	0.00	0.00	0.70	7.75	25.55	48.99	78.67	100.00
488411.dat	0.00	0.00	0.00	0.00	0.80	6.04	23.04	44.47	69.22	100.00
488412.dat	0.00	0.00	0.00	0.00	0.30	3.62	20.12	42.76	70.12	100.00
488501.dat	0.00	0.00	0.00	0.00	0.30	4.23	20.62	43.86	72.94	100.00
488502.dat	0.00	0.00	0.00	0.00	0.40	5.43	20.72	44.37	72.84	100.00
488503.dat	0.00	0.00	0.00	0.00	0.40	7.44	24.14	45.47	75.15	100.00
488504.dat	0.00	0.00	0.00	0.00	0.40	9.15	25.65	46.48	75.75	100.00
488505.dat	0.00	0.00	0.00	0.40	2.41	12.07	29.48	50.60	81.19	100.00
488506.dat	0.00	0.00	0.00	0.20	4.12	13.68	30.08	51.21	82.70	100.00
488507.dat	0.00	0.00	0.00	0.10	4.83	14.19	29.48	51.31	80.99	100.00
488508.dat	0.00	0.00	0.00	0.40	3.32	13.78	29.68	54.02	81.79	100.00
488509.dat	0.00	0.00	0.00	0.00	1.71	9.96	26.26	46.58	77.26	100.00
488510.dat	0.00	0.00	0.00	0.20	0.91	10.66	26.86	48.19	81.69	100.00
488511.dat	0.00	0.00	0.00	0.00	0.60	9.56	22.74	47.08	81.89	100.00
488512.dat	0.00	0.00	0.00	0.00	3.72	13.28	30.68	56.54	84.51	100.00
488601.dat	0.00	0.00	0.00	0.00	4.73	14.99	32.29	58.85	87.73	100.00
488602.dat	0.00	0.00	0.00	0.80	3.62	10.36	24.85	51.51	80.28	100.00
488603.dat	0.00	0.00	0.00	0.70	5.13	12.17	25.45	54.02	84.00	100.00
488604.dat	0.00	0.00	0.00	0.60	5.53	13.38	27.36	53.32	81.39	100.00
488605.dat	0.00	0.00	0.00	0.00	4.93	12.17	26.36	54.43	81.69	100.00
488606.dat	0.00	0.00	0.00	0.00	5.43	14.19	28.57	56.84	84.41	100.00
488607.dat	0.00	0.00	0.00	0.70	5.84	14.29	30.18	56.64	81.99	100.00
488608.dat	0.00	0.00	0.00	0.60	5.43	14.29	31.49	57.34	83.20	100.00
488609.dat	0.00	0.00	0.00	0.70	6.14	16.50	34.10	59.76	86.02	100.00
488610.dat	0.00	0.00	0.00	1.01	6.84	18.21	36.52	64.49	82.29	100.00
488611.dat	0.00	0.00	0.00	0.00	5.13	20.02	39.34	72.03	82.60	100.00
488612.dat	0.00	0.00	0.00	0.50	8.15	25.65	54.73	74.85	83.80	100.00
488701.dat	0.00	0.00	0.00	2.01	11.67	29.18	57.75	74.35	83.90	100.00
488702.dat	0.00	0.00	0.00	3.32	16.90	35.92	59.76	73.74	83.30	100.00
488703.dat	0.00	0.00	0.20	7.04	22.84	46.28	64.19	75.96	88.33	100.00
488704.dat	0.00	0.00	1.11	10.16	26.66	50.10	68.61	77.46	92.76	100.00
488705.dat	0.00	0.10	1.21	10.06	24.45	45.27	63.48	77.16	91.15	100.00
488706.dat	0.00	0.10	1.21	11.17	26.96	49.40	64.39	77.46	90.44	100.00
488707.dat	0.00	0.10	1.21	10.16	25.86	45.57	64.59	77.87	92.15	100.00
488708.dat	0.00	0.20	2.41	12.17	29.88	52.41	70.12	83.00	92.66	100.00
488709.dat	0.00	0.20	3.62	15.19	35.41	59.96	76.16	86.82	95.37	100.00
488710.dat	0.00	0.30	3.82	14.79	38.53	60.56	75.96	86.72	97.89	100.00
488711.dat	0.00	0.91	7.75	27.57	47.08	62.17	76.66	90.04	98.19	100.00
488712.dat	0.00	0.60	7.75	32.70	53.32	66.90	80.08	90.14	97.99	100.00
488801.dat	0.20	1.31	6.44	24.85	48.99	64.49	76.86	88.93	97.48	100.00
488802.dat	0.40	1.61	7.44	32.19	52.11	64.99	77.16	89.44	96.48	100.00
488803.dat	0.40	1.91	8.55	35.71	55.73	65.59	77.36	90.04	97.28	100.00
488804.dat	0.40	1.71	8.05	32.49	54.12	64.39	76.46	89.34	96.98	100.00
488805.dat	0.30	1.91	8.15	29.58	53.92	63.48	74.65	89.64	96.98	100.00
488806.dat	0.40	2.11	10.06	33.60	56.84	64.89	79.78	90.74	97.18	100.00
488807.dat	0.40	2.21	13.58	37.12	58.75	69.32	85.21	91.55	97.18	100.00
488808.dat	0.40	3.92	16.00	39.13	59.96	71.33	86.12	91.25	96.48	100.00
488809.dat	0.50	3.82	16.30	39.94	61.07	74.65	87.93	91.85	96.88	100.00
488810.dat	0.30	7.44	22.74	48.09	64.79	77.16	89.64	93.66	98.99	100.00
488811.dat	0.40	5.23	23.64	47.79	64.59	77.36	89.54	93.06	98.79	100.00
488812.dat	0.20	4.63	21.83	48.59	68.51	80.99	90.24	94.06	99.70	100.00
488901.dat	0.00	1.41	17.51	45.77	67.91	81.29	90.34	94.67	99.40	100.00
488902.dat	0.00	1.41	17.51	45.07	67.61	81.59	90.74	94.87	99.80	100.00
488903.dat	0.00	0.60	10.66	36.72	65.79	84.61	91.85	96.18	100.00	100.00
488904.dat	0.00	0.40	9.96	34.00	63.38	87.22	93.26	98.99	100.00	100.00
488905.dat	0.00	0.40	8.45	31.89	63.18	87.32	93.96	98.99	100.00	100.00
488906.dat	0.00	0.70	7.44	31.09	62.68	86.82	93.76	99.50	100.00	100.00
488907.dat	0.00	0.60	7.75	32.29	69.62	87.73	92.96	99.50	100.00	100.00
488908.dat	0.00	0.40	5.53	28.57	62.07	85.92	92.76	99.80	100.00	100.00
488909.dat	0.00	0.70	8.55	32.19	72.43	89.03	94.97	100.00	100.00	100.00
488910.dat	0.00	1.51	7.95	33.90	77.16	89.64	96.58	100.00	100.00	100.00
488911.dat	0.00	0.60	16.10	48.39	82.90	91.65	99.30	100.00	100.00	100.00
488912.dat	0.00	0.91	17.10	57.85	83.40	91.55	99.09	99.90	100.00	100.00

## **APPENDIX C.**

### **Examples of Contoured SPI Maps.**

- 1) Each figure contains four maps of which one map corresponds to the peak areal coverage during the drought episodes determined in Section 4.3.
- 2) Contour intervals are at 0.5 with negative values denoted by a dashed line.
- 3) Individual stations are dispersed throughout the area and are annotated with three digit numbers.
- 4) Timescales are as indicated in titles under maps with the exception of 12 month map's which do not display the timescale in individual titles.



Figure C.1. Map corresponding to peak areal coverage as defined in Section 4.3 is November 1929.



Figure C.2. Map corresponding to peak areal coverage as defined in Section 4.3 is October 1931.

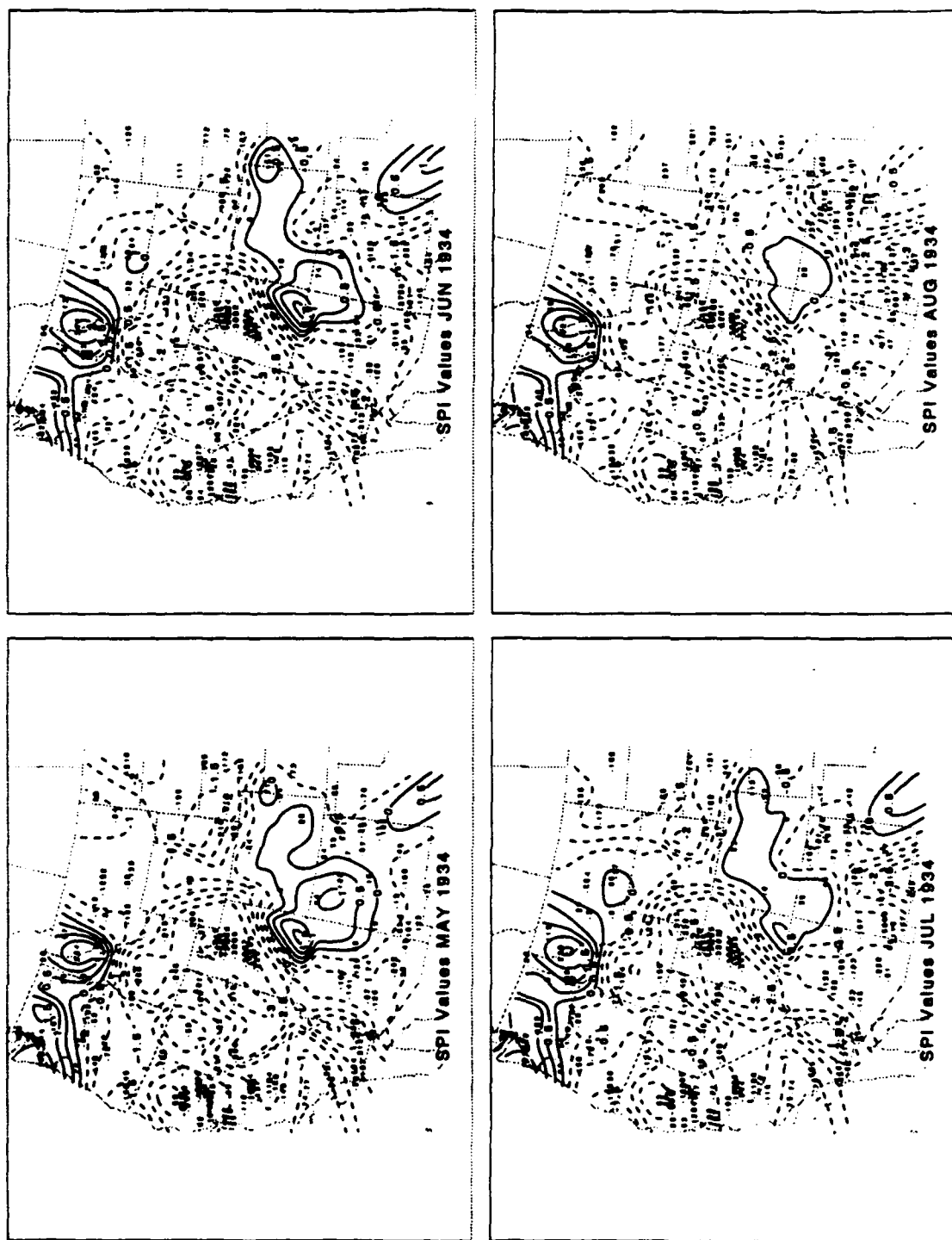


Figure C.3. Map corresponding to peak areal coverage as defined in Section 4.3 is May 1934.



Figure C.4. Map corresponding to peak areal coverage as defined in Section 4.3 is January 1957.



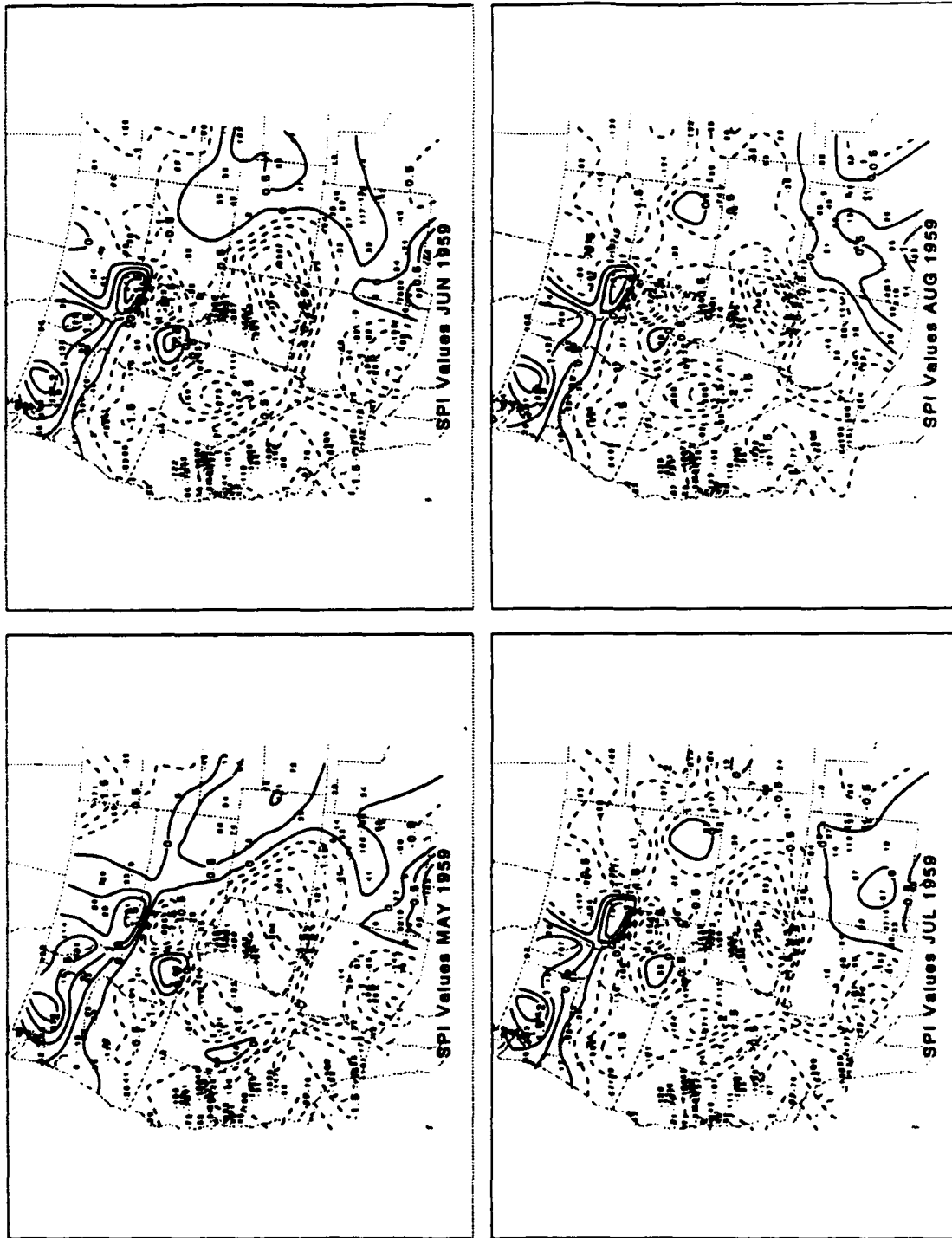


Figure C.5. Map corresponding to peak areal coverage as defined in Section 4.3 is July 1959.

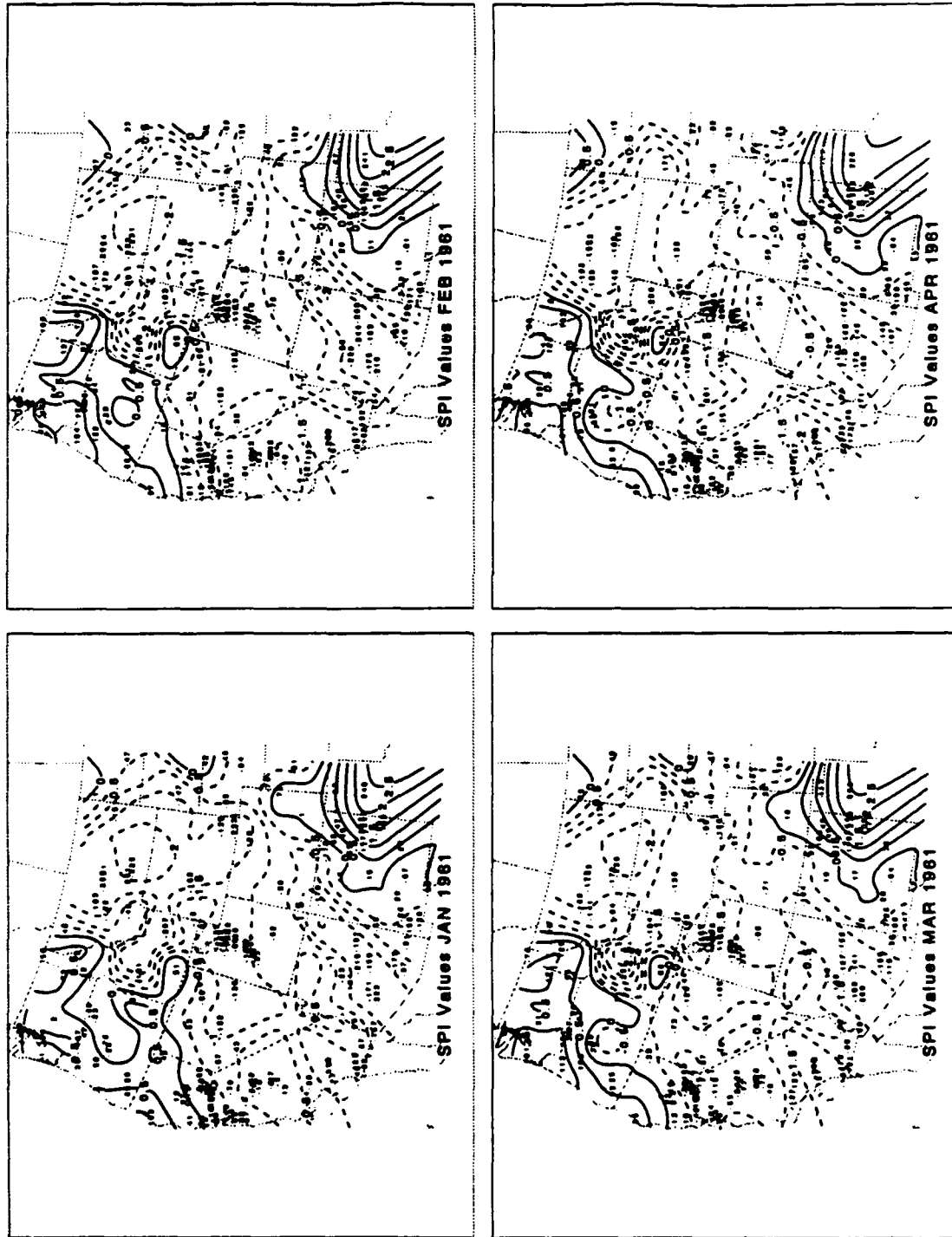


Figure C.6. Map corresponding to peak areal coverage as defined in Section 4.3 is February 1961.

Figure C.7. Map corresponding to peak areal coverage as defined in Section 4.3 is April 1977.

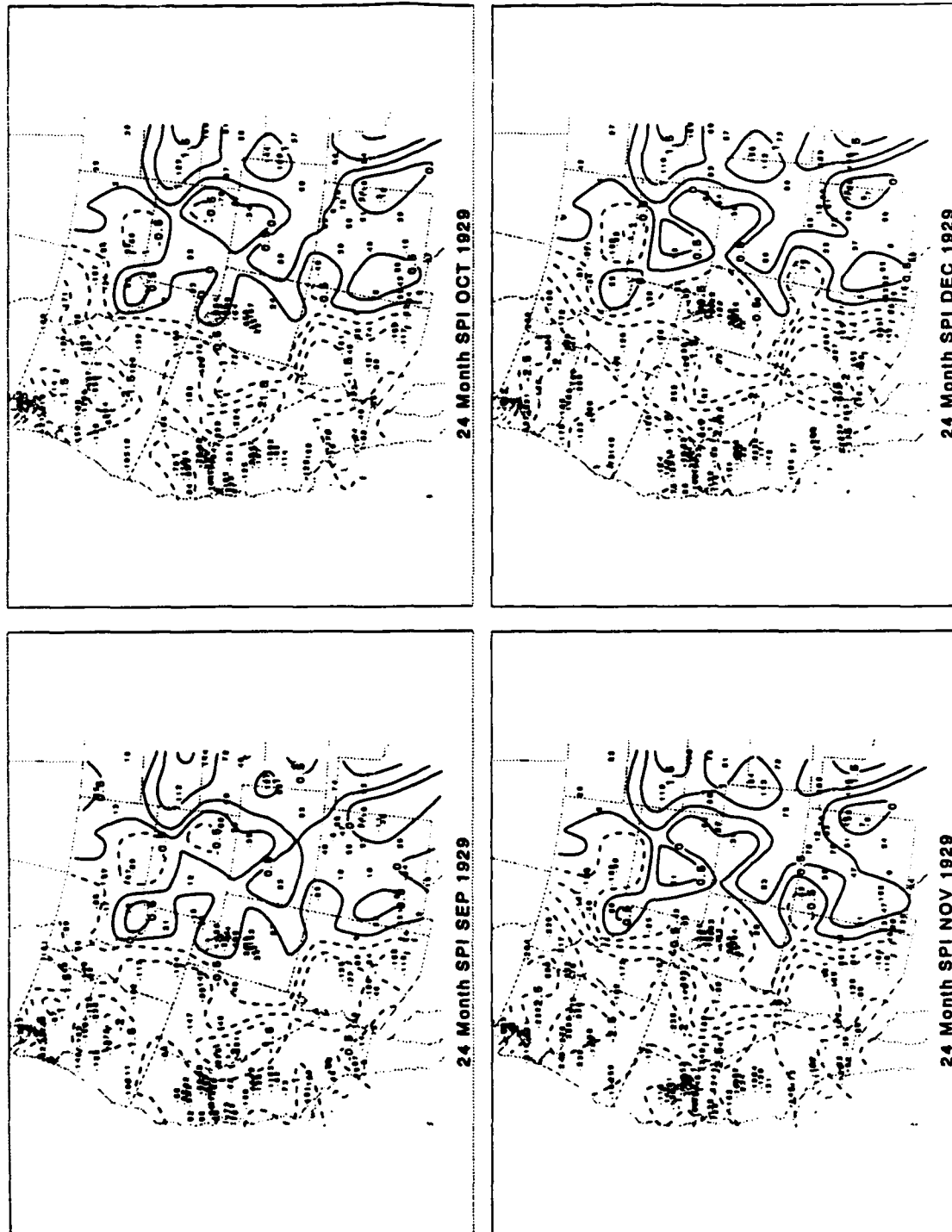


Figure C.8. Map corresponding to peak areal coverage as defined in Section 4.3 is December 1929.

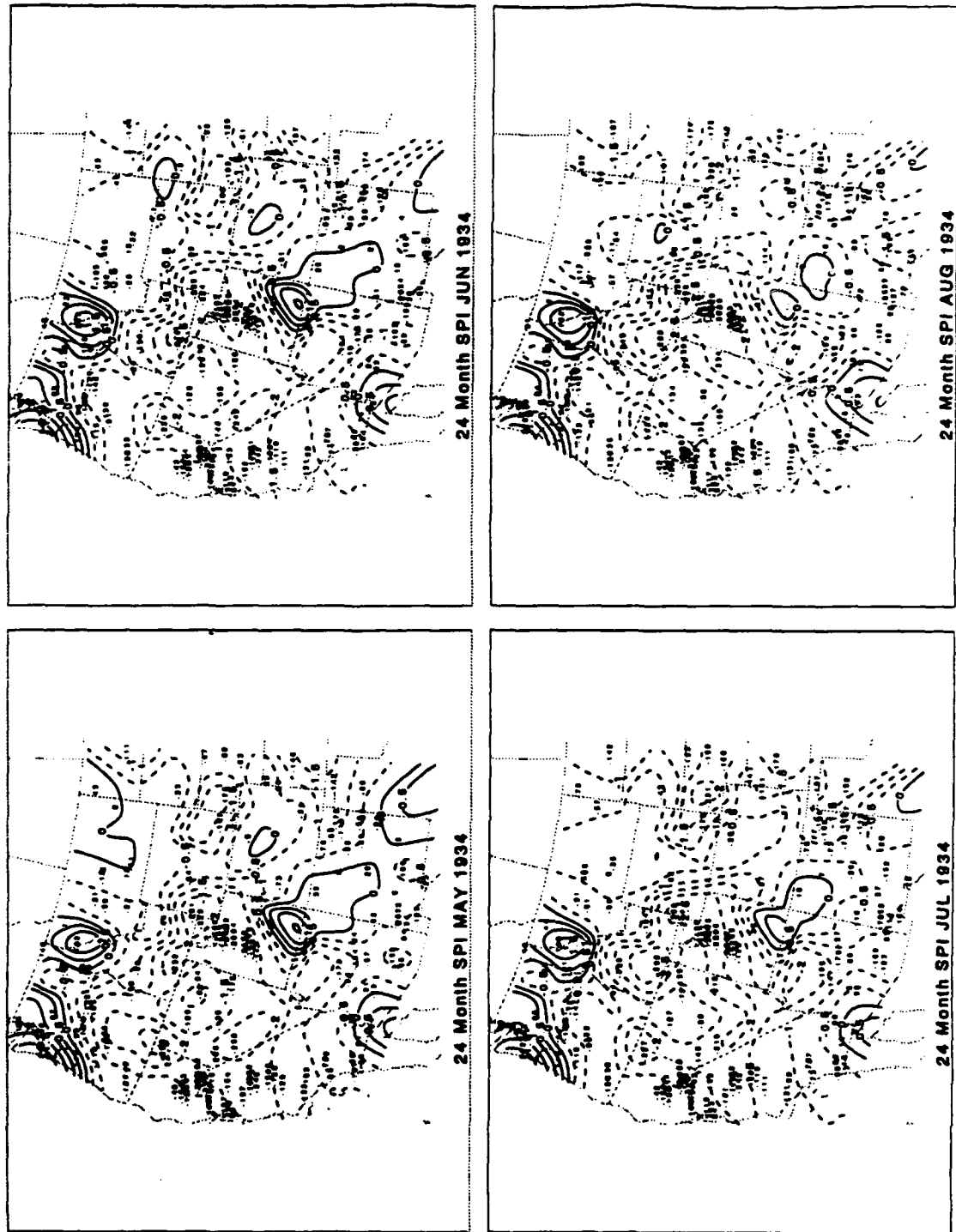


Figure C.9. Map corresponding to peak areal coverage as defined in Section 4.3 is July 1934.

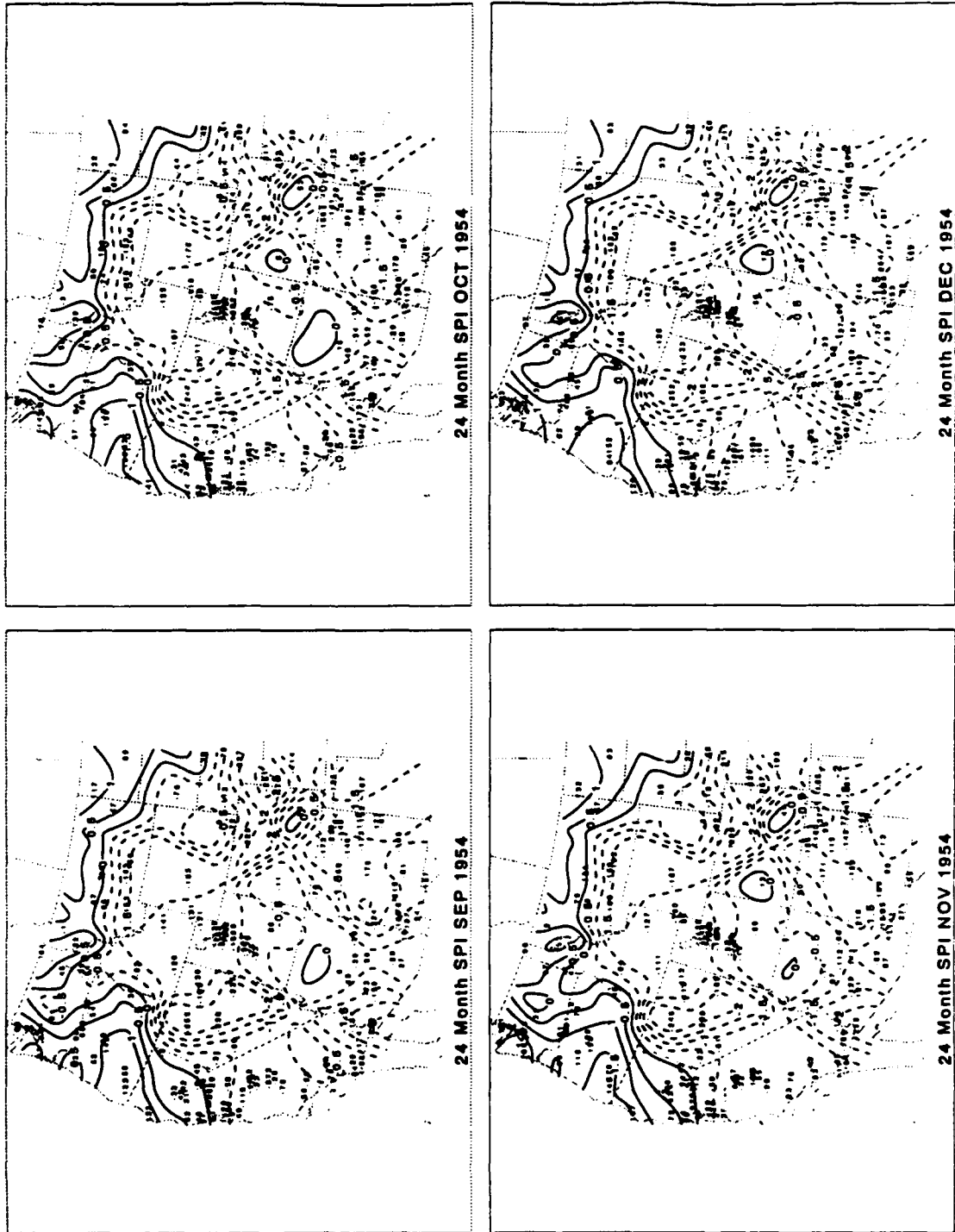


Figure C.10. Map corresponding to peak areal coverage as defined in Section 4.3 is December 1954.

Figure C.11. Map corresponding to peak areal coverage as defined in Section 4.3 is September 1960.

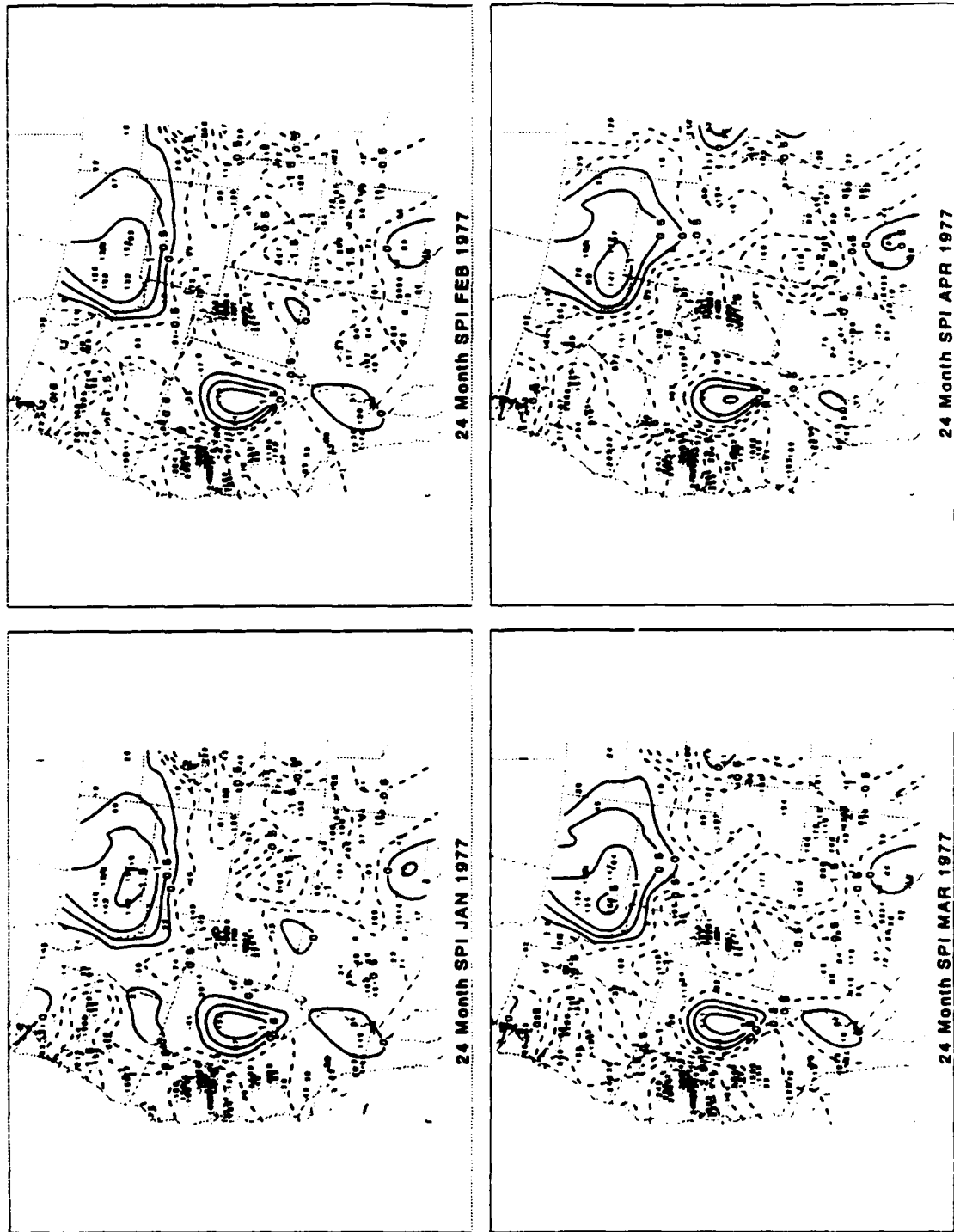


Figure C.12. Map corresponding to peak areal coverage as defined in Section 4.3 is April 1977.



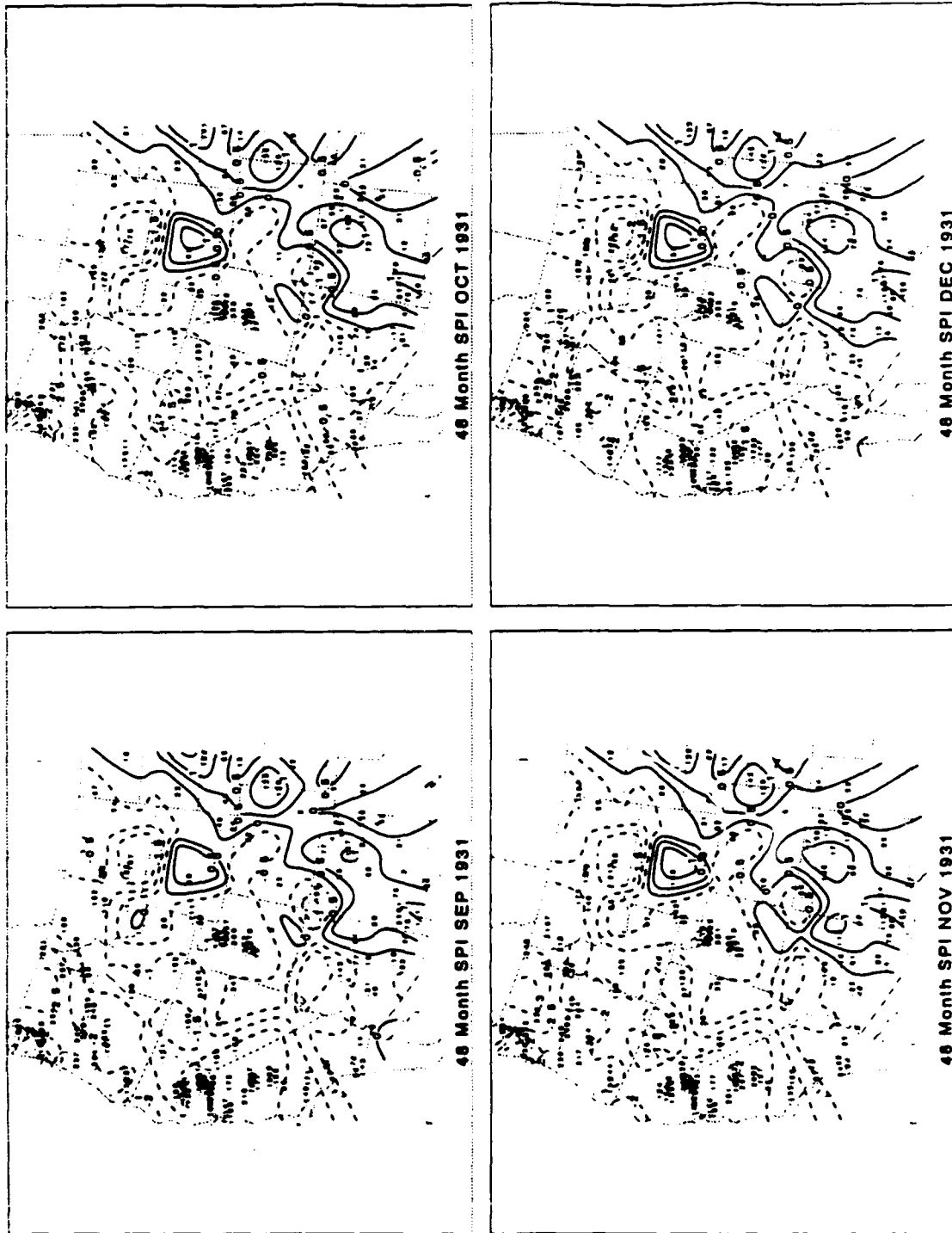


Figure C.13. Map corresponding to peak areal coverage as defined in Section 4.3 is October 1931.

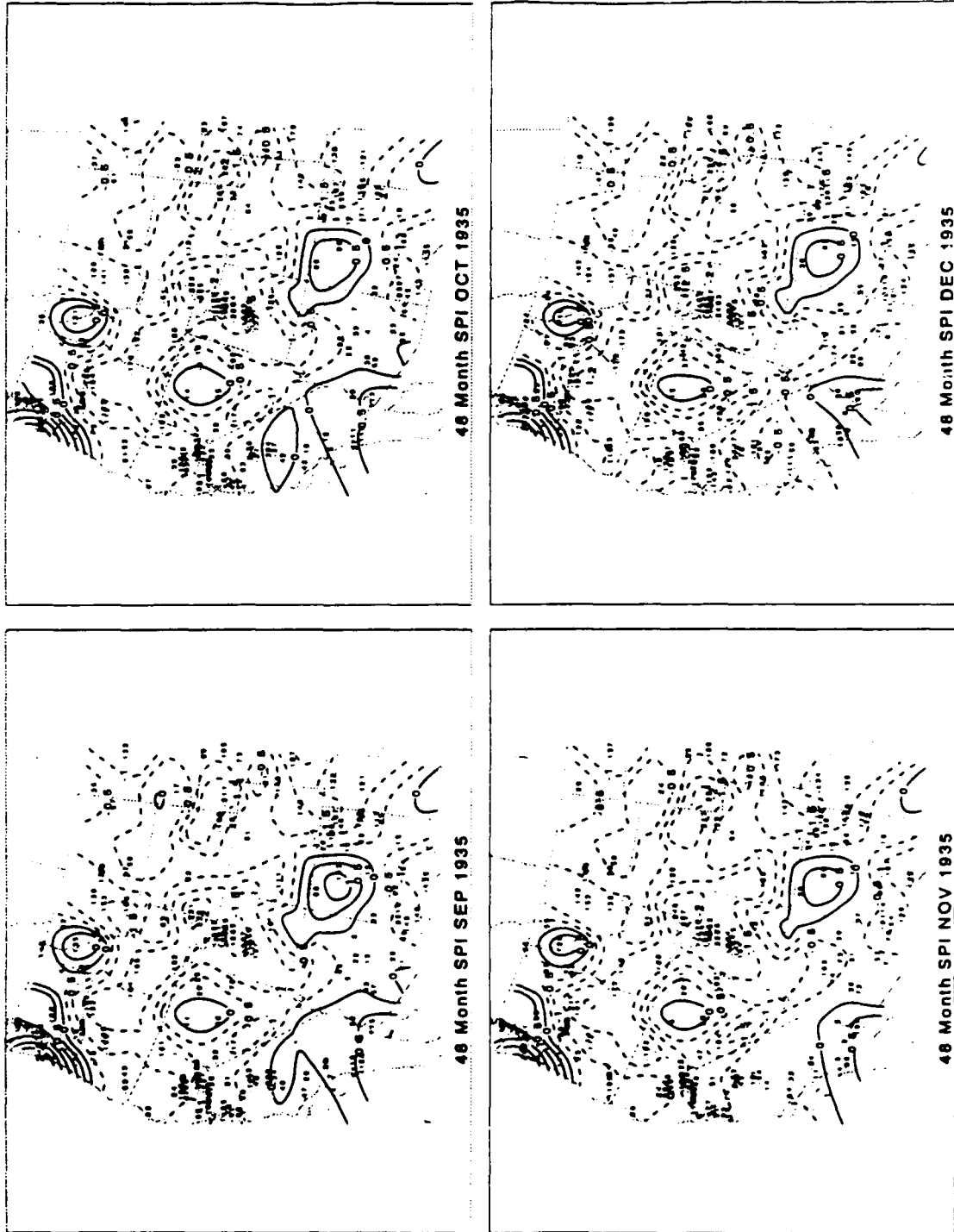


Figure C.14. Map corresponding to peak areal coverage as defined in Section 4.3 is December 1935.

**Figure C.15.** Map corresponding to peak areal coverage as defined in Section 4.3 is December 1956.

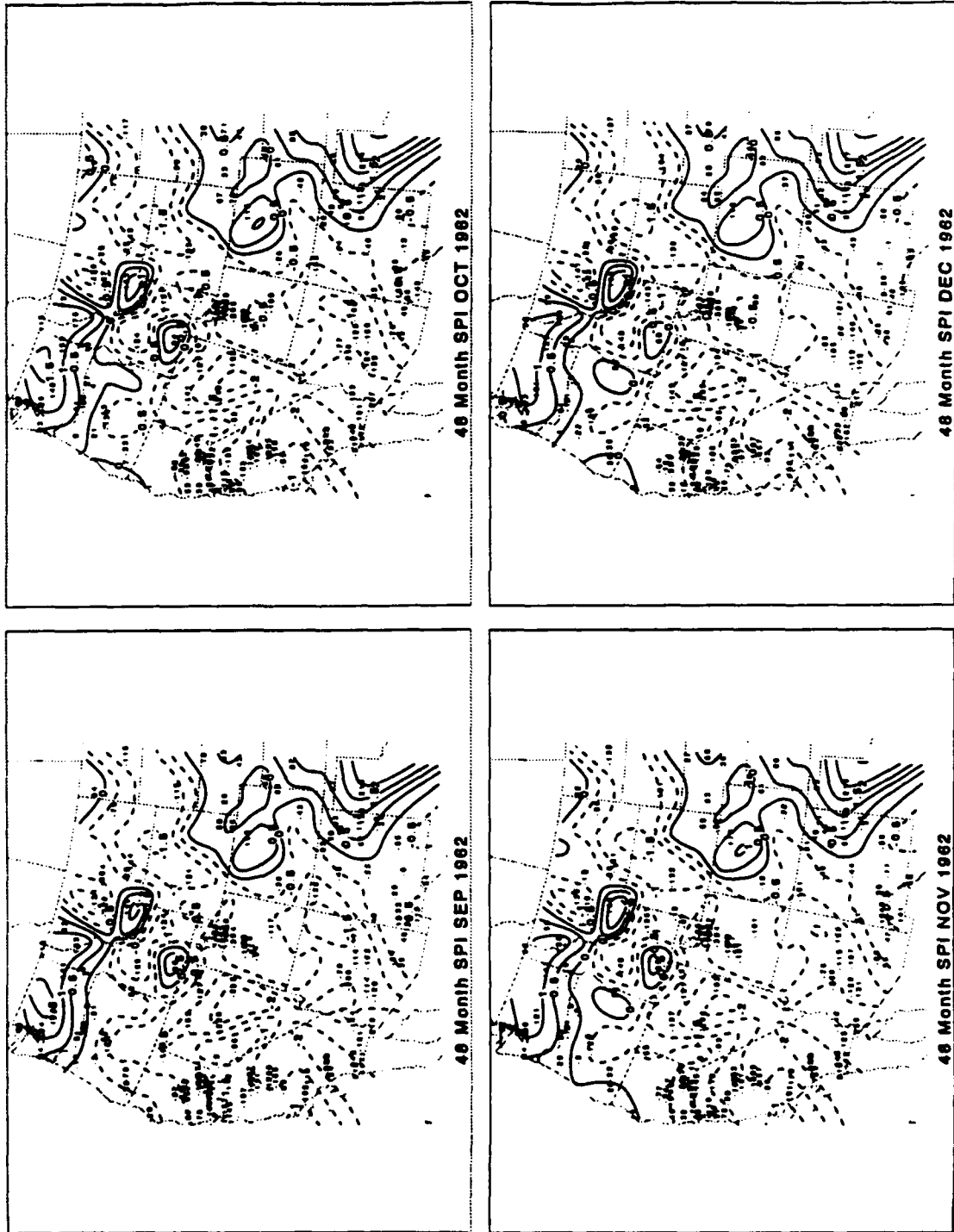


Figure C.16. Map corresponding to peak areal coverage as defined in Section 4.3 is September 1962.



Figure C.17. Map corresponding to peak areal coverage as defined in Section 4.3 is April 1977.